

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041124\
 Data File : VD078809.D
 Acq On : 11 Apr 2024 12:11
 Operator : RP/MD
 Sample : VSTD025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 12 06:45:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 12 06:43:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	243265	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	240048	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	123291	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	161017	24.028	ug/L	0.00
7) Chloroethane-d5	2.805	69	152011	24.082	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	30385	24.688	ug/L	0.00
21) 2-Butanone-d5	6.987	46	33916	53.534	ug/L	0.00
24) Chloroform-d	7.569	84	163959	27.608	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	79658	26.401	ug/L	0.00
32) Benzene-d6	8.205	84	336741	27.530	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	95731	27.198	ug/L	0.00
41) Toluene-d8	10.269	98	322549	27.962	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	43268	26.935	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	30566	53.754	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	91400	27.537	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	112097	26.658	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	88790	25.363	ug/L	100
3) Chloromethane	2.152	50	127750	25.470	ug/L	100
5) Vinyl chloride	2.287	62	193521	25.660	ug/L	100
6) Bromomethane	2.693	94	135540	24.728	ug/L	100
8) Chloroethane	2.840	64	136962	24.890	ug/L	100
9) Trichlorofluoromethane	3.181	101	142119	25.760	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	89093	24.975	ug/L	100
12) 1,1-Dichloroethene	3.946	96	80338	25.261	ug/L	100
13) Acetone	4.022	43	44049	53.608	ug/L	100
14) Carbon disulfide	4.275	76	283984	26.227	ug/L	100
15) Methyl Acetate	4.564	43	30804	25.317	ug/L	100
16) Methylene chloride	4.805	84	97644	23.166	ug/L	100
17) trans-1,2-Dichloroethene	5.311	96	90753	25.524	ug/L	100
18) Methyl tert-butyl Ether	5.316	73	175814	25.847	ug/L	100
19) 1,1-Dichloroethane	6.111	63	144043	25.428	ug/L	100
20) cis-1,2-Dichloroethene	7.081	96	98274	25.424	ug/L	100
22) 2-Butanone	7.087	43	53413	53.018	ug/L	100
23) Bromochloromethane	7.422	128	48452	25.407	ug/L	100
25) Chloroform	7.599	83	169381	25.374	ug/L	100
27) 1,2-Dichloroethane	8.328	62	96048	25.600	ug/L	100
29) Cyclohexane	7.875	56	115345	28.284	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	139481	25.834	ug/L	100
31) Carbon tetrachloride	7.999	117	129123	26.676	ug/L	100
33) Benzene	8.252	78	369655	27.159	ug/L	100
34) Trichloroethene	9.028	95	94531	26.035	ug/L	100
35) Methylcyclohexane	9.275	83	147119	27.274	ug/L	100
37) 1,2-Dichloropropane	9.310	63	91918	26.338	ug/L	100
38) Bromodichloromethane	9.587	83	125889	26.217	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	145288	27.103	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	85636	53.721	ug/L	100
42) Toluene	10.334	91	413536	27.445	ug/L	100
44) trans-1,3-Dichloropropene	10.552	75	124651	26.536	ug/L	100

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 QLast Update : Fri Apr 12 06:43:47 2024
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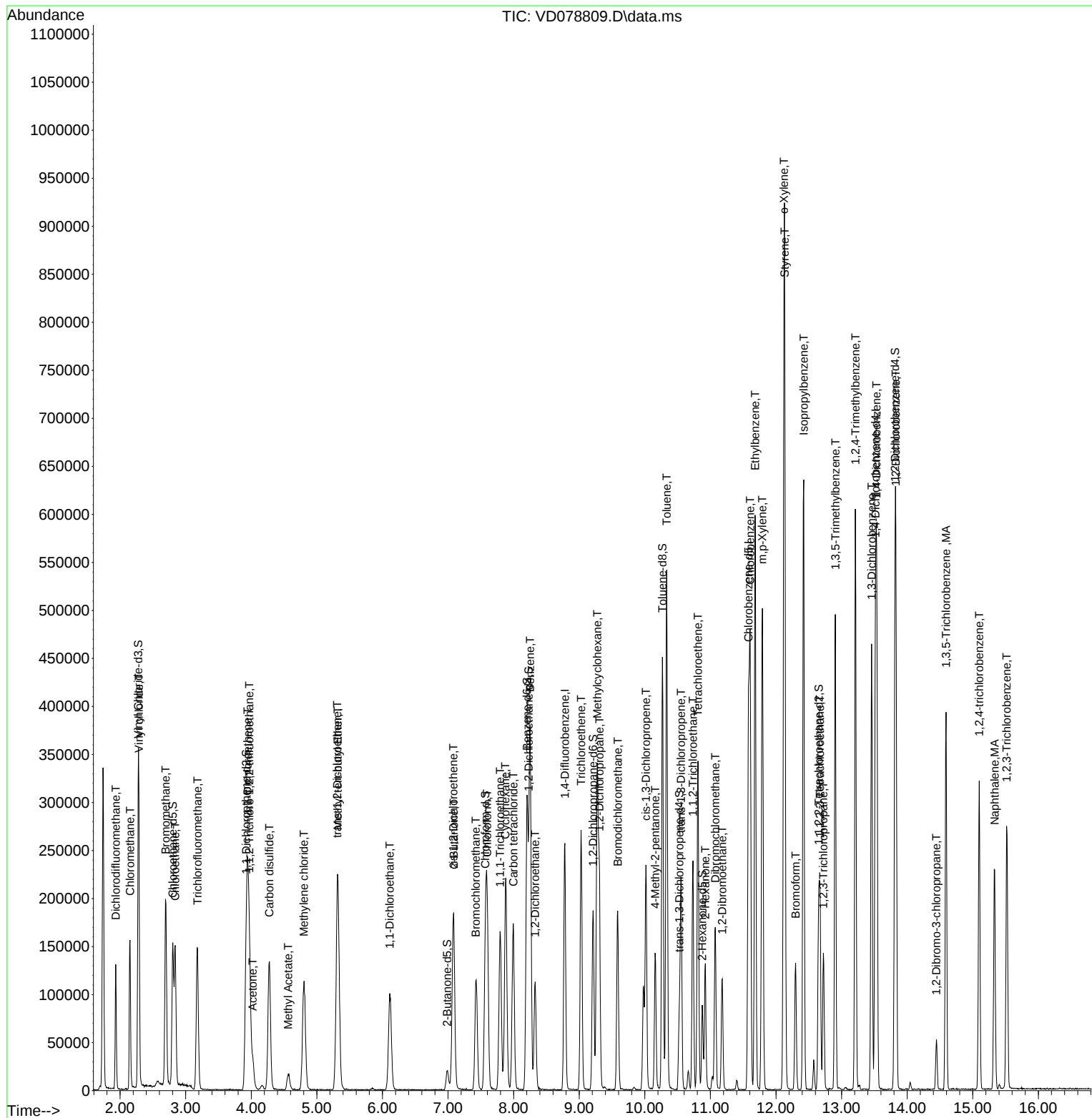
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	78927	25.898	ug/L	100
46) Tetrachloroethene	10.810	164	79278	26.074	ug/L	100
48) 2-Hexanone	10.922	43	76494	60.971	ug/L	100
49) Dibromochloromethane	11.075	129	92350	26.170	ug/L	100
50) 1,2-Dibromoethane	11.181	107	77551	26.185	ug/L	100
51) Chlorobenzene	11.604	112	262435	25.823	ug/L	100
52) Ethylbenzene	11.681	91	434827	27.446	ug/L	100
53) m,p-Xylene	11.793	106	172348	27.616	ug/L	100
54) o-Xylene	12.122	106	165388	27.416	ug/L	100
55) Styrene	12.134	104	298467	27.607	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	93448	26.562	ug/L	100
59) Bromoform	12.298	173	61545	25.466	ug/L	100
60) Isopropylbenzene	12.422	105	423648	27.154	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	59556	26.171	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	260985	27.594	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	319909	27.563	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	201747	25.981	ug/L	100
65) 1,4-Dichlorobenzene	13.534	146	214919	26.172	ug/L	100
67) 1,2-Dichlorobenzene	13.828	146	190268	26.010	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	12625	24.368	ug/L	100
69) 1,3,5-Trichlorobenzene	14.592	180	126433	25.319	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	106626	25.320	ug/L	100
71) Naphthalene	15.334	128	211513	25.876	ug/L	100
72) 1,2,3-Trichlorobenzene	15.516	180	99334	25.762	ug/L	100

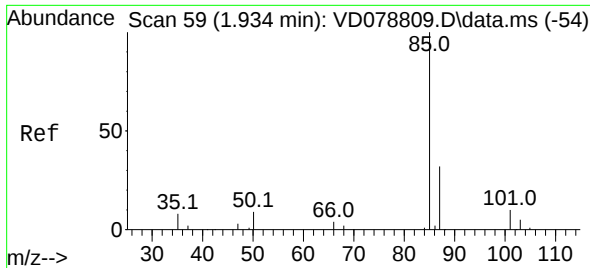
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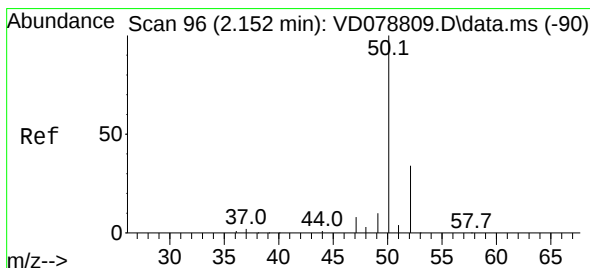
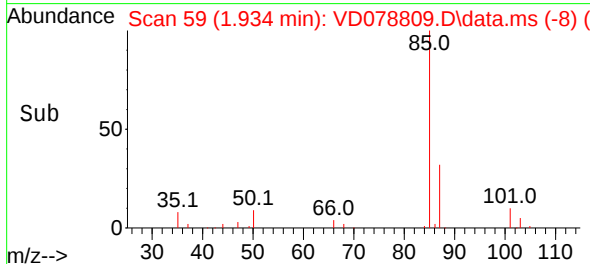
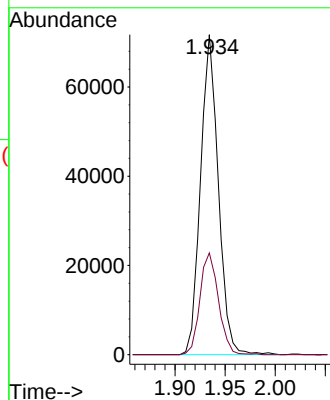
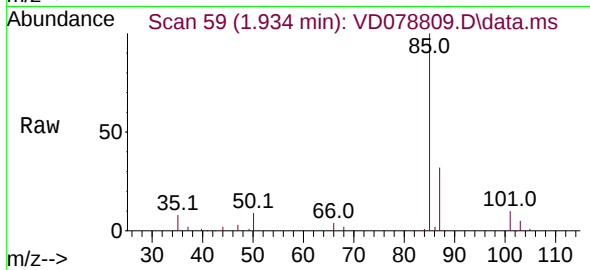




#2
 Dichlorodifluoromethane
 Concen: 25.363 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD078809.D
 Acq: 11 Apr 2024 12:11

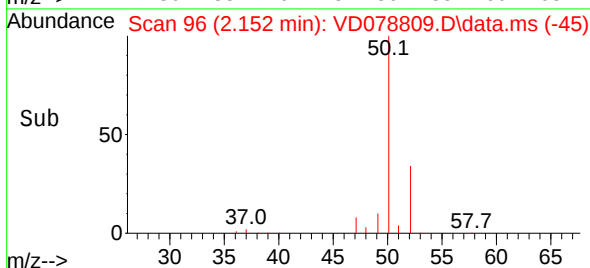
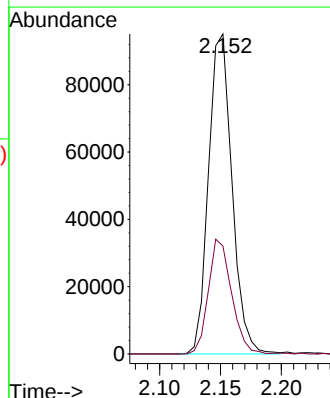
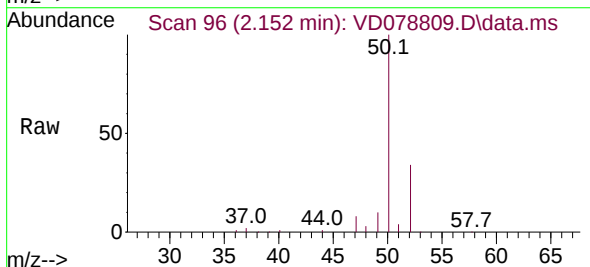
Instrument :
 MSVOA_D
 ClientSampleId :

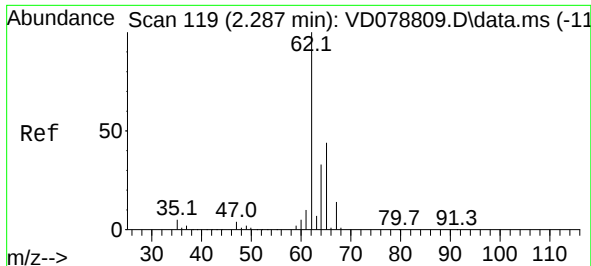
Tgt Ion: 85 Resp: 88790
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.5 39.7



#3
 Chloromethane
 Concen: 25.470 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VD078809.D
 Acq: 11 Apr 2024 12:11

Tgt Ion: 50 Resp: 127750
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.6 43.8

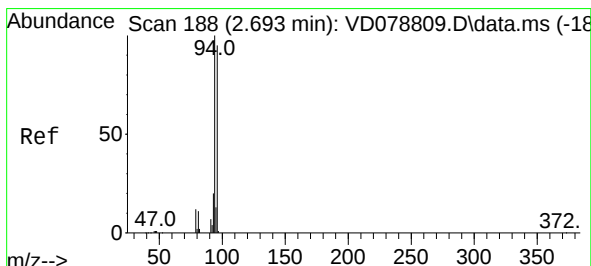
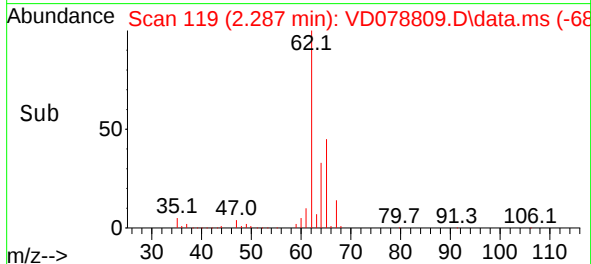
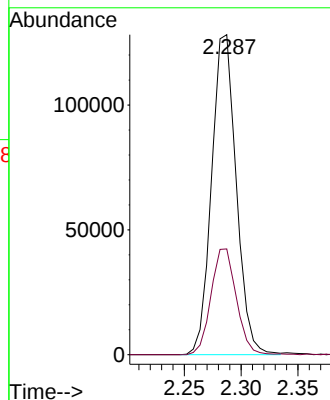
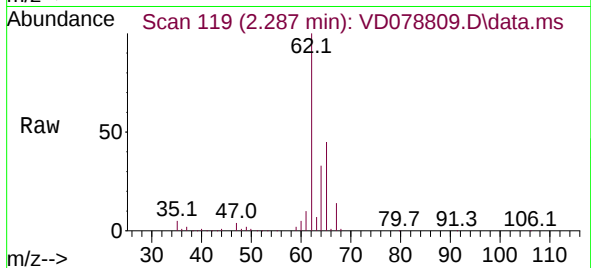




#5
 Vinyl chloride
 Concen: 25.660 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD078809.D
 Acq: 11 Apr 2024 12:11

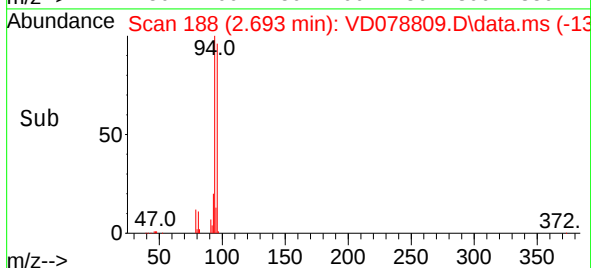
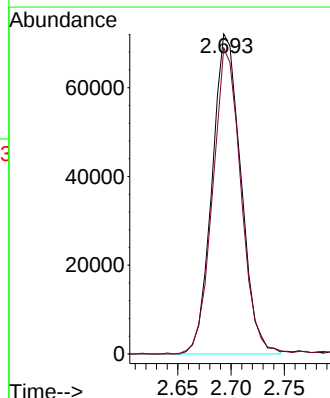
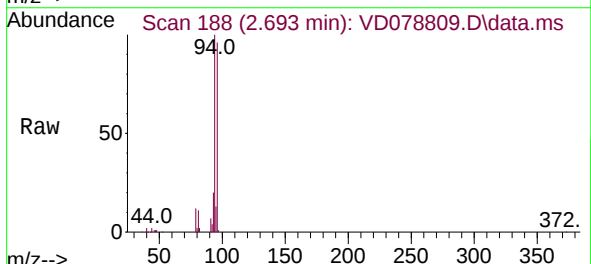
Instrument :
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 ClientSampleId :

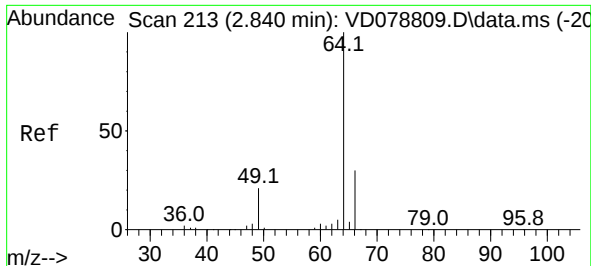
Tgt Ion: 62 Resp: 193521
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.2 43.0



#6
 Bromomethane
 Concen: 24.728 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD078809.D
 Acq: 11 Apr 2024 12:11

Tgt Ion: 94 Resp: 135540
 Ion Ratio Lower Upper
 94 100
 96 95.6 66.9 124.3

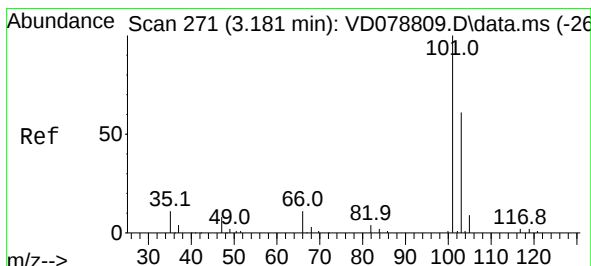
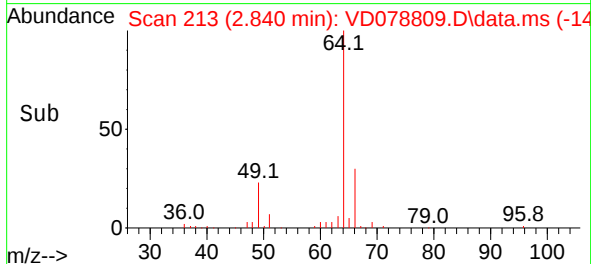
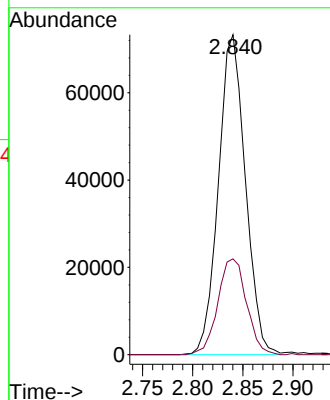
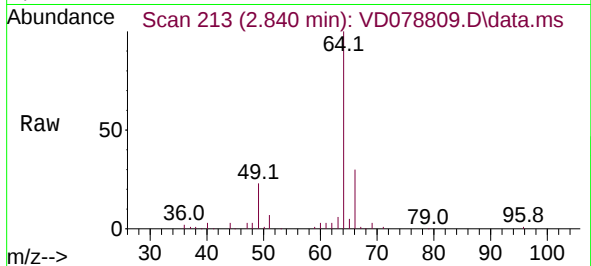




#8
Chloroethane
Concen: 24.890 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078809.D
Acq: 11 Apr 2024 12:11

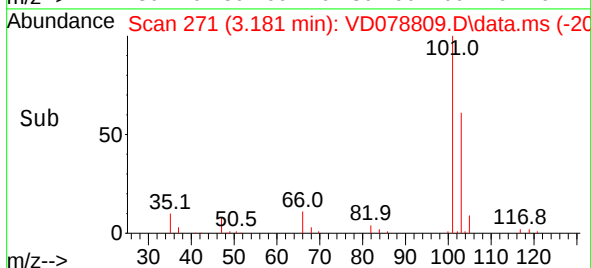
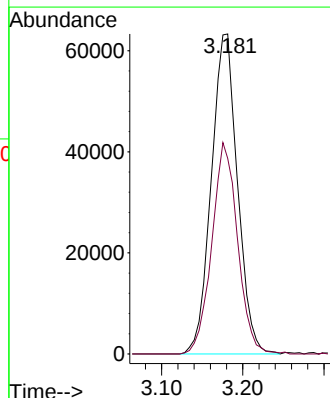
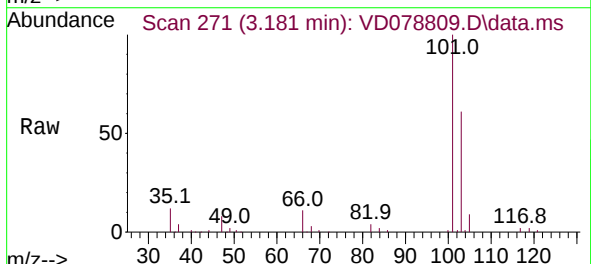
Instrument :
MSVOA_D
ClientSampleId :

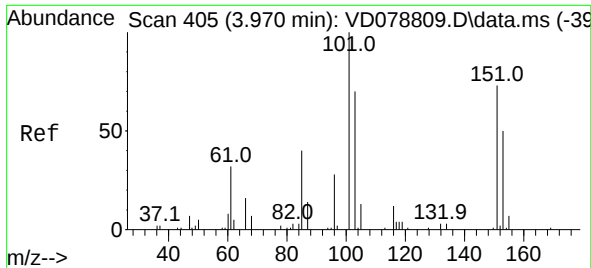
Tgt Ion: 64 Resp: 136962
Ion Ratio Lower Upper
64 100
66 30.0 21.0 39.0



#9
Trichlorofluoromethane
Concen: 25.760 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD078809.D
Acq: 11 Apr 2024 12:11

Tgt Ion:101 Resp: 142119
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 24.975 ug/L

RT: 3.970 min Scan# 405

Delta R.T. 0.000 min

Lab File: VD078809.D

Acq: 11 Apr 2024 12:11

Instrument :

MSVOA_D

ClientSampleId :

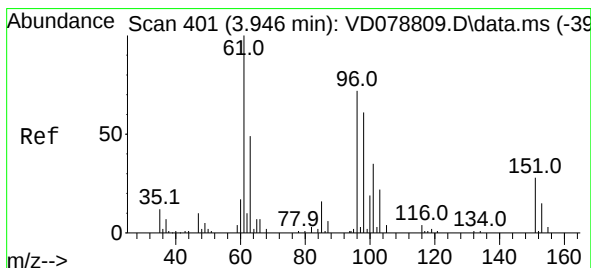
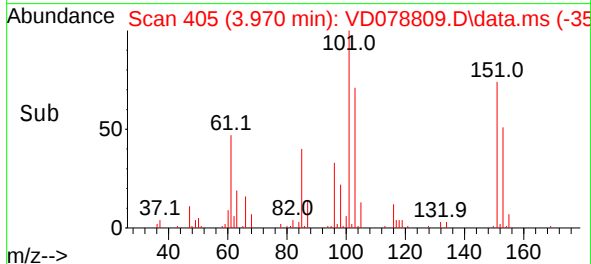
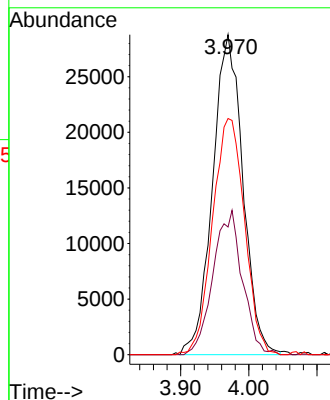
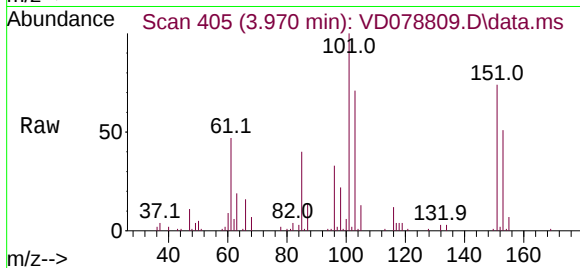
Tgt Ion:101 Resp: 89093

Ion Ratio Lower Upper

101 100

85 24.4 19.5 29.3

151 77.4 61.9 92.9



#12

1,1-Dichloroethene

Concen: 25.261 ug/L

RT: 3.946 min Scan# 401

Delta R.T. 0.000 min

Lab File: VD078809.D

Acq: 11 Apr 2024 12:11

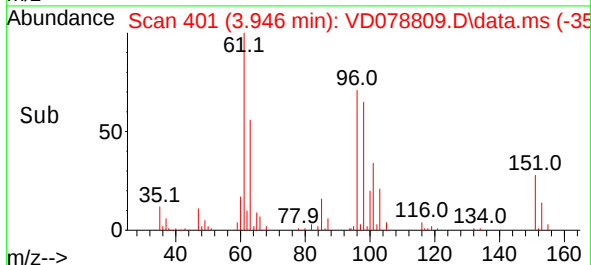
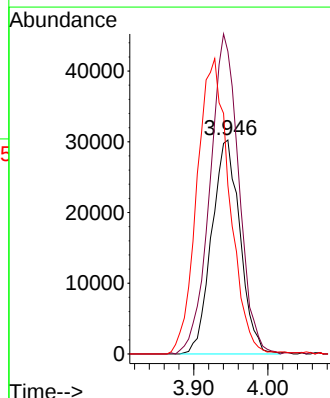
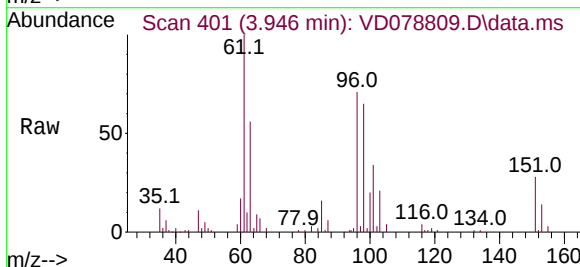
Tgt Ion: 96 Resp: 80338

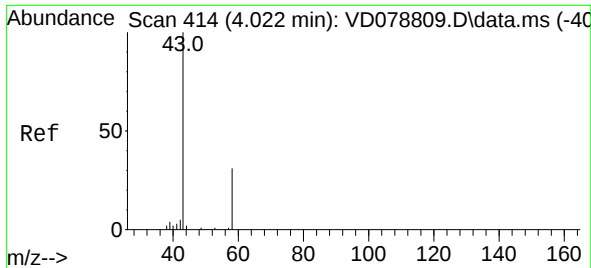
Ion Ratio Lower Upper

96 100

61 141.4 99.0 183.8

63 78.9 55.2 102.6





#13

Acetone

Concen: 53.608 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD078809.D

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MSVOA_D

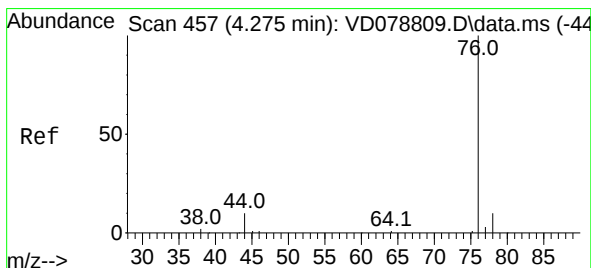
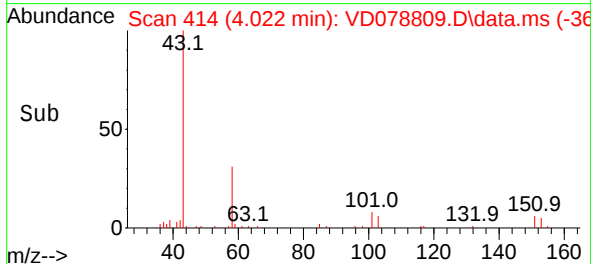
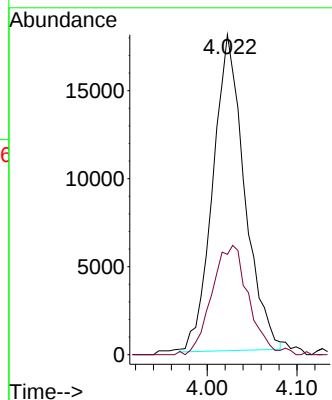
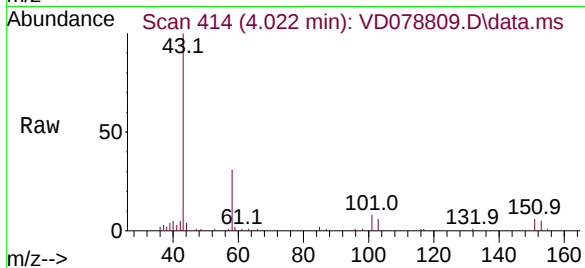
ClientSampleId :

Tgt Ion: 43 Resp: 44049

Ion Ratio Lower Upper

43 100

58 39.3 0.0 78.6



#14

Carbon disulfide

Concen: 26.227 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

Lab File: VD078809.D

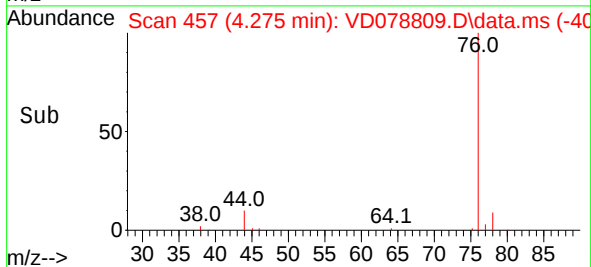
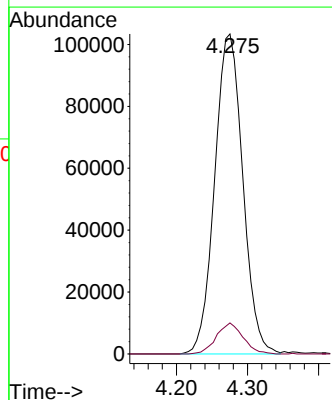
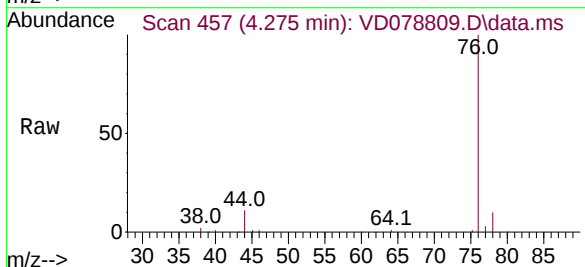
Acq: 11 Apr 2024 12:11

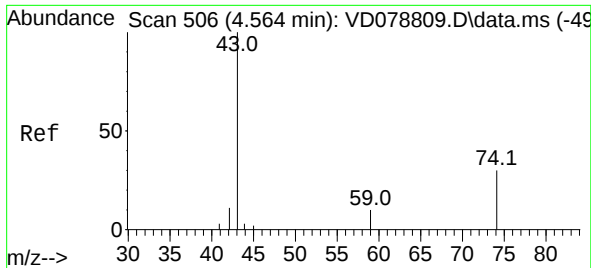
Tgt Ion: 76 Resp: 283984

Ion Ratio Lower Upper

76 100

78 9.7 7.8 11.6

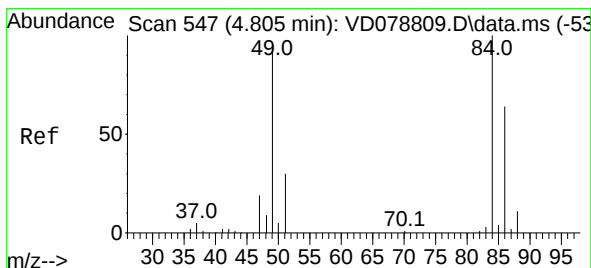
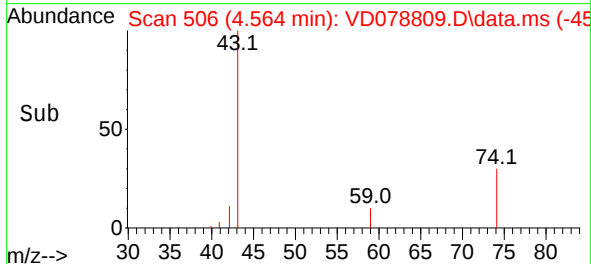
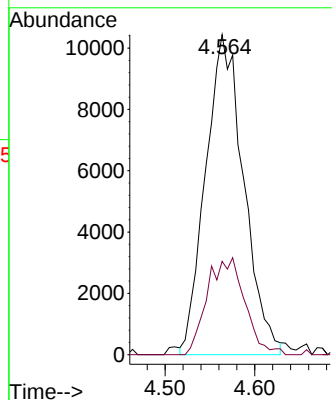
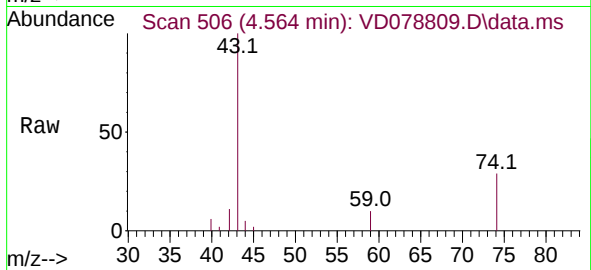




#15
Methyl Acetate
Concen: 25.317 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078809.D
Acq: 11 Apr 2024 12:11

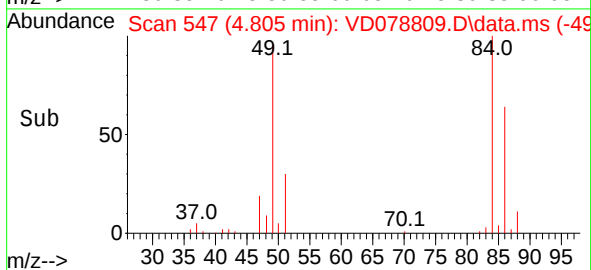
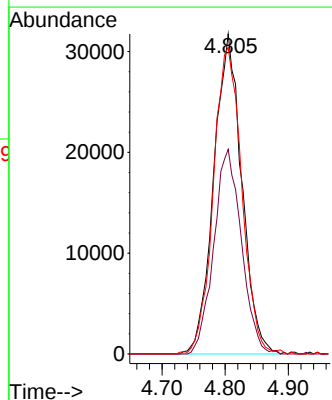
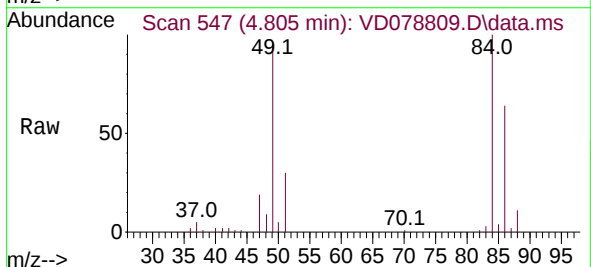
Instrument :
MSVOA_D
ClientSampleId :

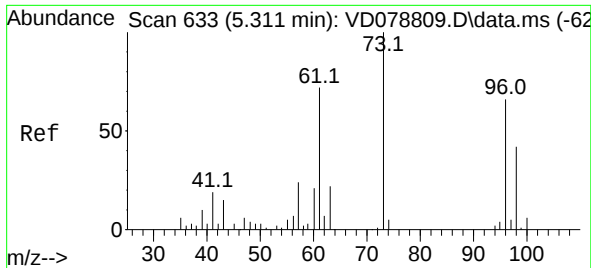
Tgt Ion: 43 Resp: 30804
Ion Ratio Lower Upper
43 100
74 29.3 23.4 35.2



#16
Methylene chloride
Concen: 23.166 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD078809.D
Acq: 11 Apr 2024 12:11

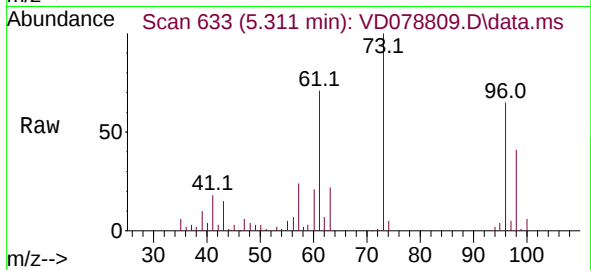
Tgt Ion: 84 Resp: 97644
Ion Ratio Lower Upper
84 100
86 63.9 44.7 83.1
49 95.8 67.1 124.5



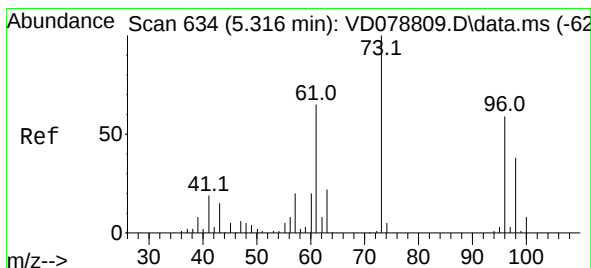
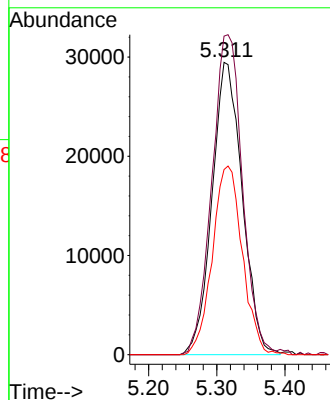
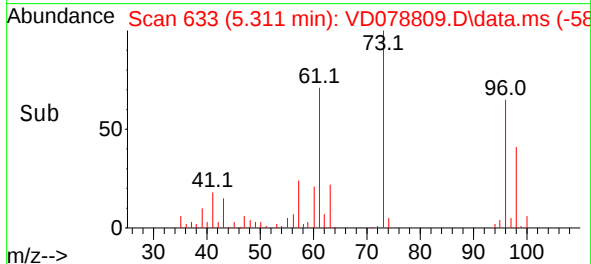


#17
trans-1,2-Dichloroethene
Concen: 25.524 ug/L
RT: 5.311 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078809.D
Acq: 11 Apr 2024 12:11

Instrument :
MSVOA_D
ClientSampleId :

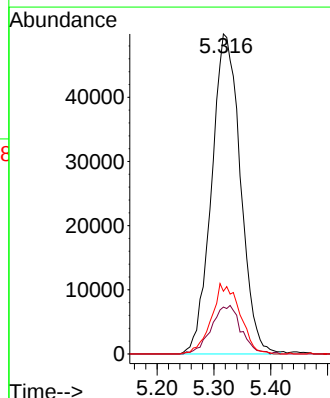
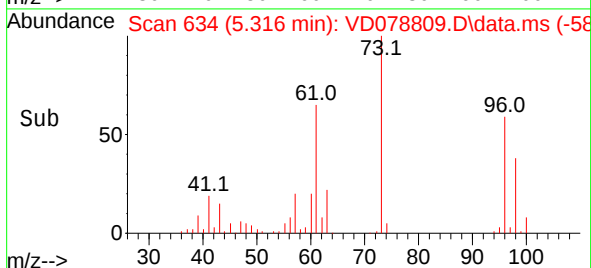
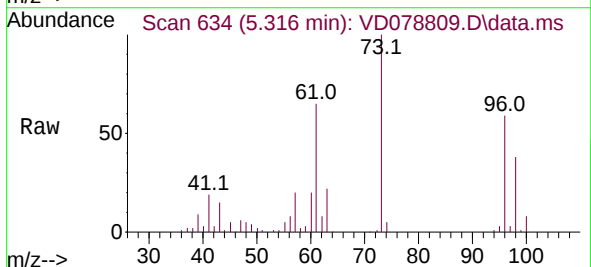


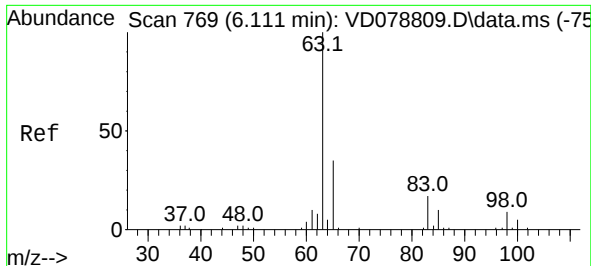
Tgt Ion: 96 Resp: 90753
Ion Ratio Lower Upper
96 100
61 108.9 76.2 141.6
98 63.3 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 25.847 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD078809.D
Acq: 11 Apr 2024 12:11

Tgt Ion: 73 Resp: 175814
Ion Ratio Lower Upper
73 100
43 8.7 7.0 10.4
57 21.7 17.4 26.0

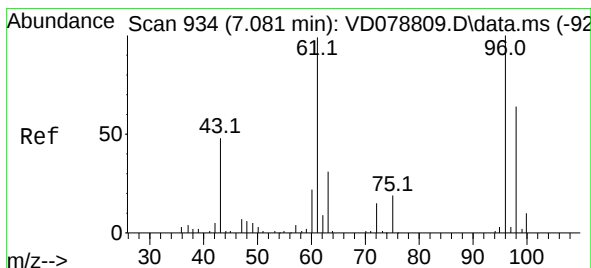
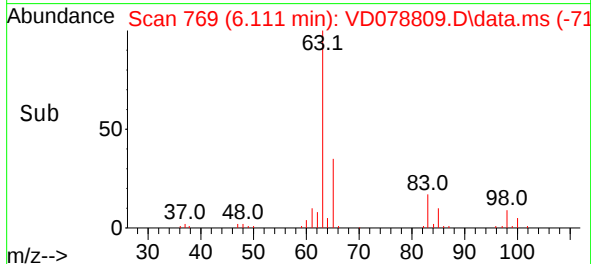
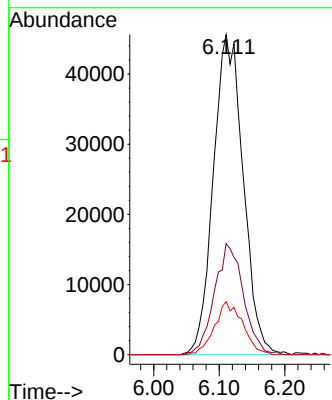
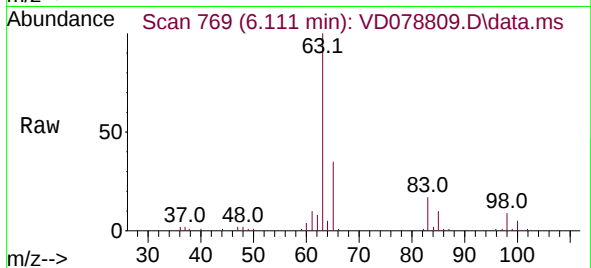




#19
1,1-Dichloroethane
Concen: 25.428 ug/L
RT: 6.111 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD078809.D
Acq: 11 Apr 2024 12:11

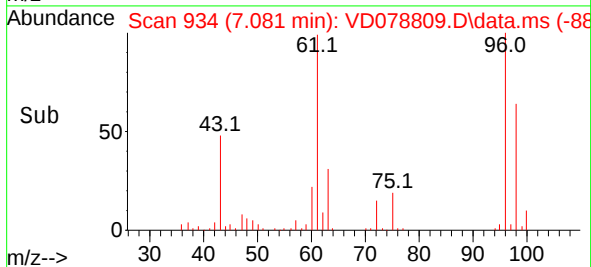
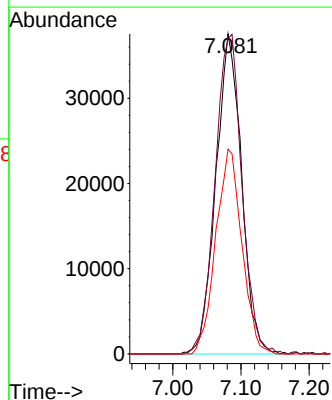
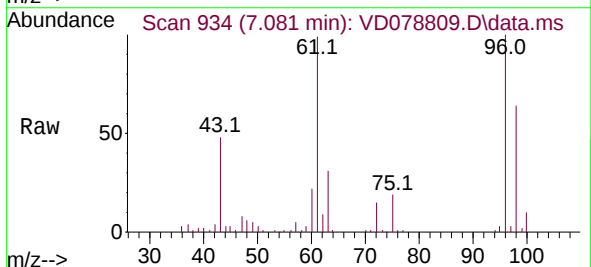
Instrument :
MSVOA_D
ClientSampleId :

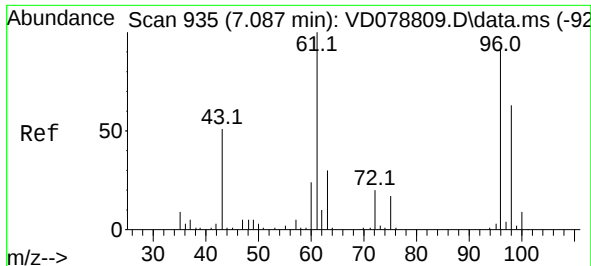
Tgt Ion: 63 Resp: 144043
Ion Ratio Lower Upper
63 100
65 34.7 24.3 45.1
83 16.5 11.5 21.5



#20
cis-1,2-Dichloroethene
Concen: 25.424 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078809.D
Acq: 11 Apr 2024 12:11

Tgt Ion: 96 Resp: 98274
Ion Ratio Lower Upper
96 100
61 98.6 69.0 128.2
98 64.0 44.8 83.2





#22

2-Butanone

Concen: 53.018 ug/L

RT: 7.087 min Scan# 935

Delta R.T. 0.000 min

Lab File: VD078809.D

Acq: 11 Apr 2024 12:11

Instrument :

MSVOA_D

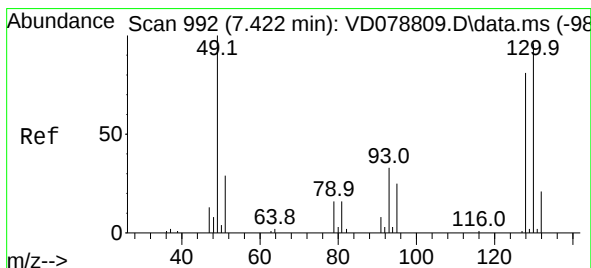
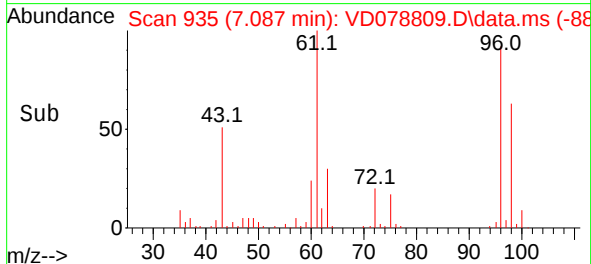
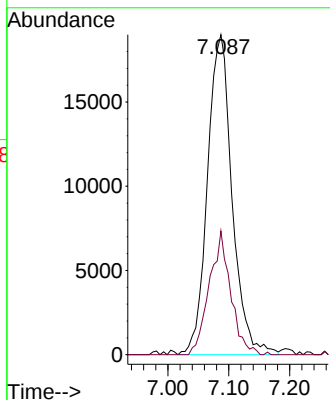
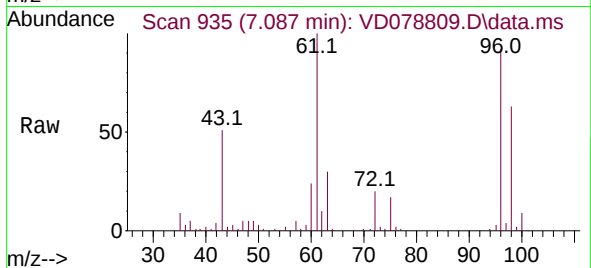
ClientSampleId :

Tgt Ion: 43 Resp: 53413

Ion Ratio Lower Upper

43 100

72 33.6 16.8 50.4



#23

Bromochloromethane

Concen: 25.407 ug/L

RT: 7.422 min Scan# 992

Delta R.T. 0.000 min

Lab File: VD078809.D

Acq: 11 Apr 2024 12:11

Tgt Ion: 128 Resp: 48452

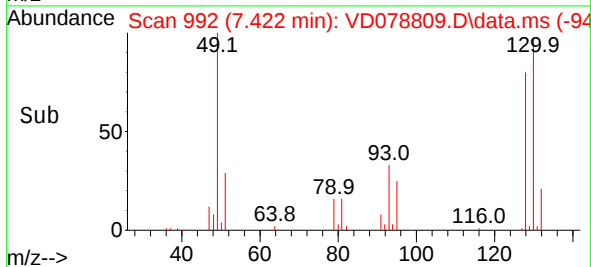
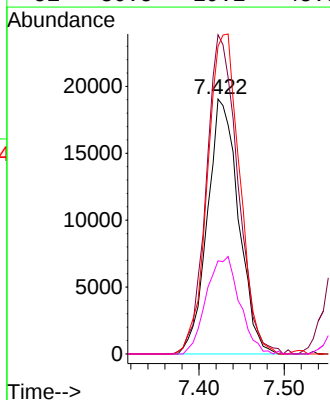
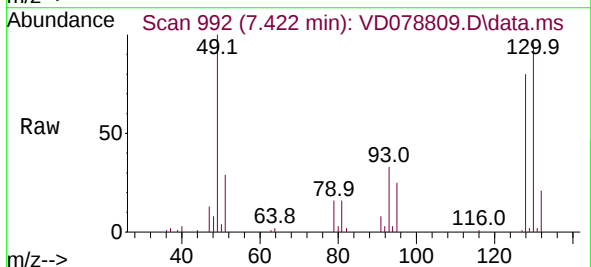
Ion Ratio Lower Upper

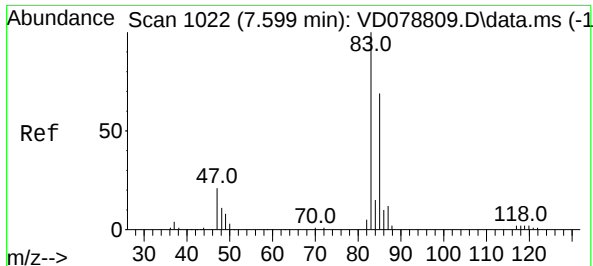
128 100

49 125.2 87.6 162.8

130 120.7 84.5 156.9

51 36.5 29.2 43.8

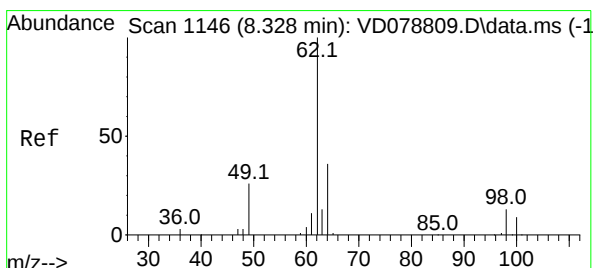
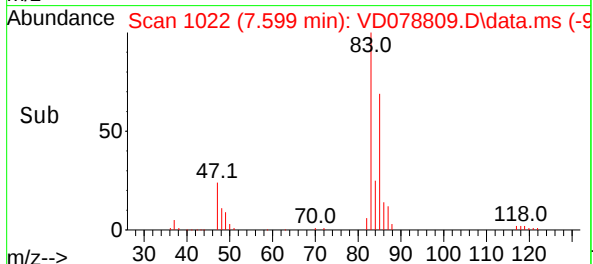
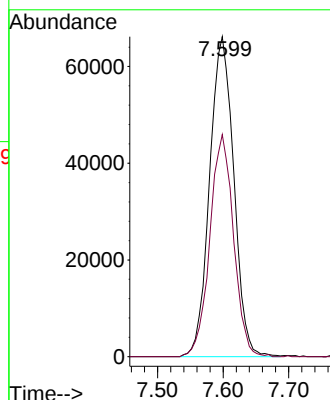
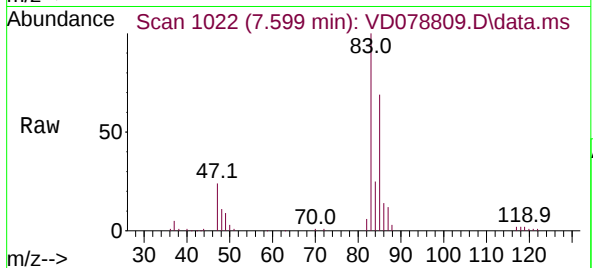




#25
Chloroform
Concen: 25.374 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD078809.D
Acq: 11 Apr 2024 12:11

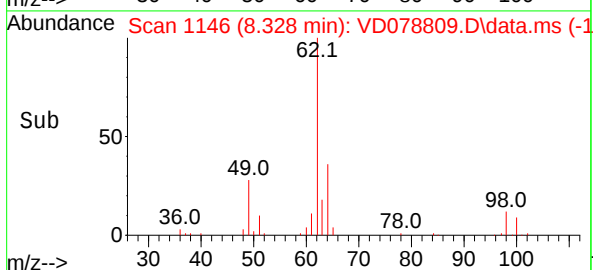
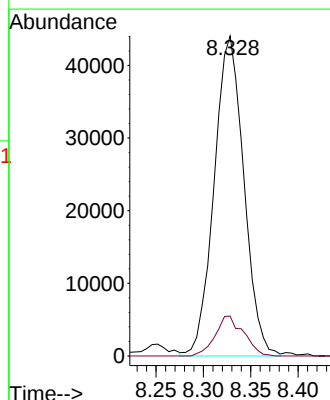
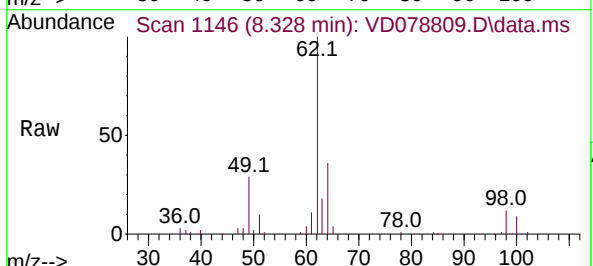
Instrument :
MSVOA_D
ClientSampleId :

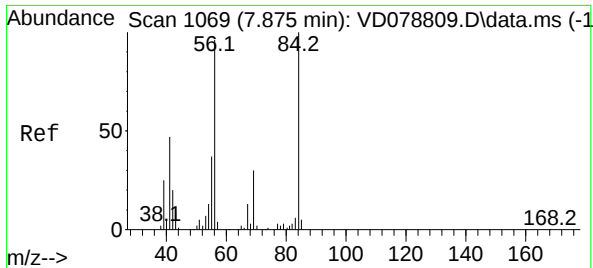
Tgt Ion: 83 Resp: 169381
Ion Ratio Lower Upper
83 100
85 69.4 48.6 90.2



#27
1,2-Dichloroethane
Concen: 25.600 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078809.D
Acq: 11 Apr 2024 12:11

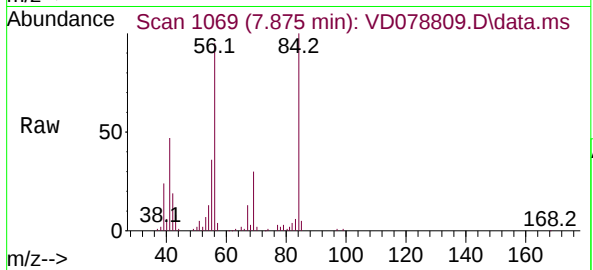
Tgt Ion: 62 Resp: 96048
Ion Ratio Lower Upper
62 100
98 12.5 10.0 15.0



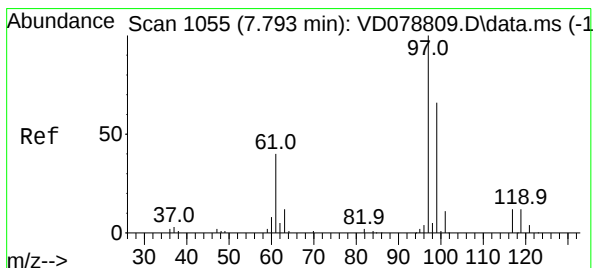
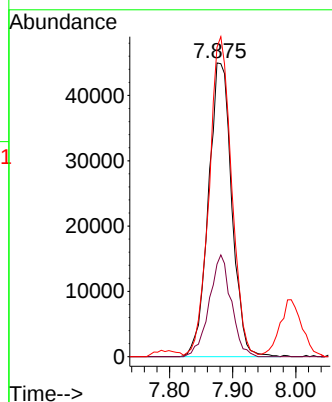
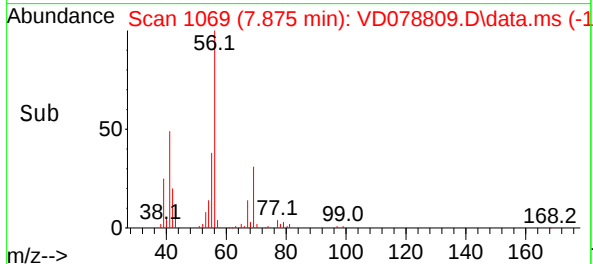


#29
Cyclohexane
Concen: 28.284 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078809.D
Acq: 11 Apr 2024 12:11

Instrument :
MSVOA_D
ClientSampleId :

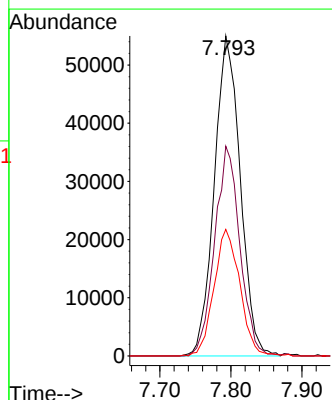
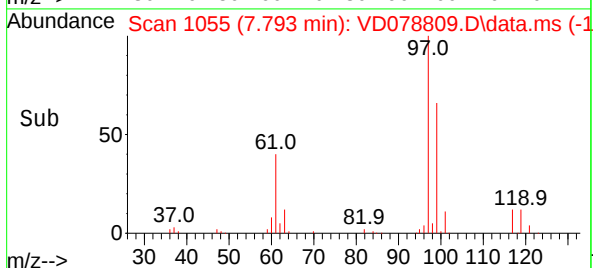
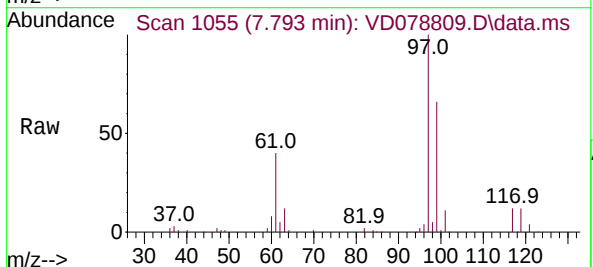


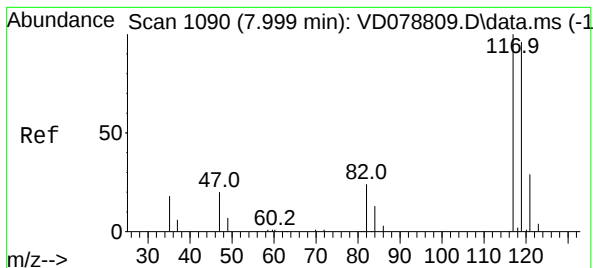
Tgt Ion: 56 Resp: 115345
Ion Ratio Lower Upper
56 100
69 32.6 26.1 39.1
84 105.3 84.2 126.4



#30
1,1,1-Trichloroethane
Concen: 25.834 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078809.D
Acq: 11 Apr 2024 12:11

Tgt Ion: 97 Resp: 139481
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 39.4 31.5 47.3





#31

Carbon tetrachloride

Concen: 26.676 ug/L

RT: 7.999 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VD078809.D

Acq: 11 Apr 2024 12:11

Instrument :

MSVOA_D

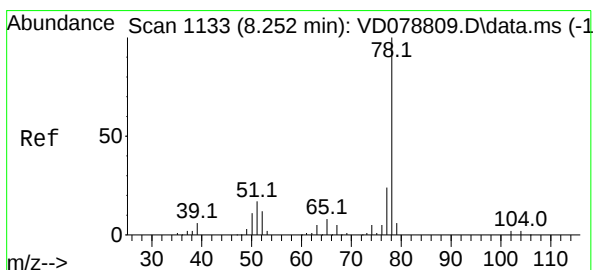
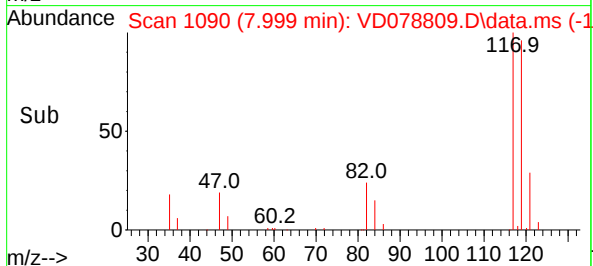
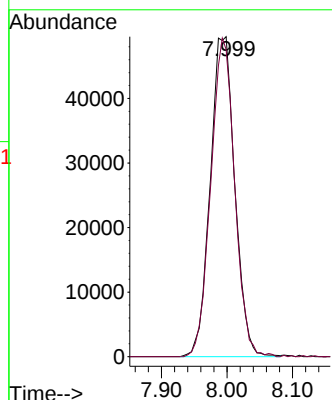
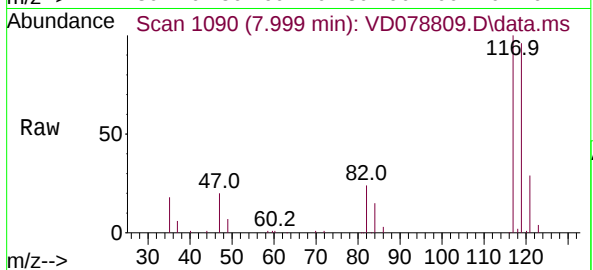
ClientSampleId :

Tgt Ion:117 Resp: 129123

Ion Ratio Lower Upper

117 100

119 96.2 77.0 115.4



#33

Benzene

Concen: 27.159 ug/L

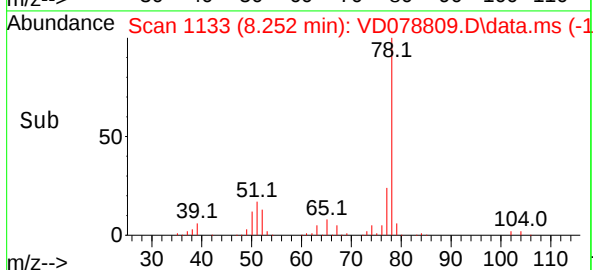
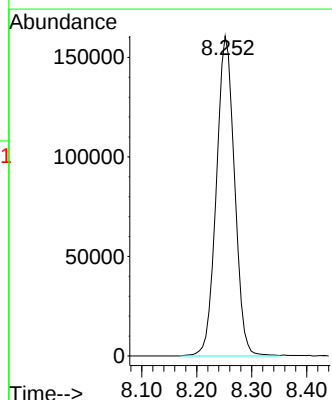
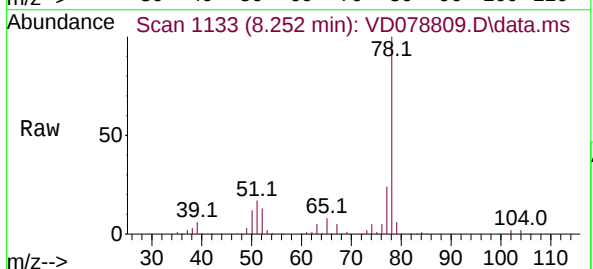
RT: 8.252 min Scan# 1133

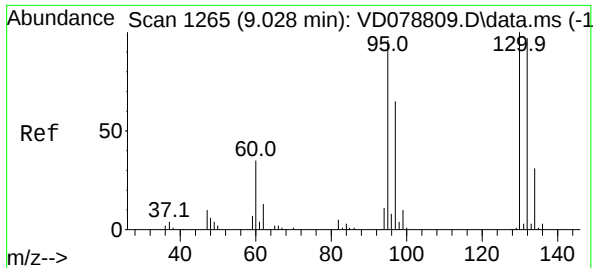
Delta R.T. 0.000 min

Lab File: VD078809.D

Acq: 11 Apr 2024 12:11

Tgt Ion: 78 Resp: 369655



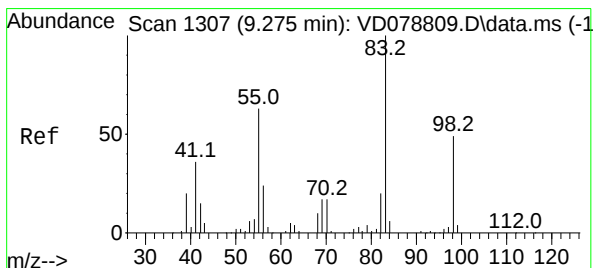
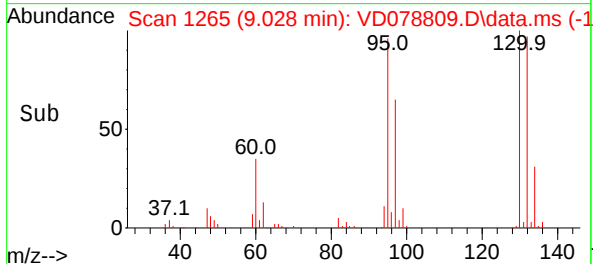
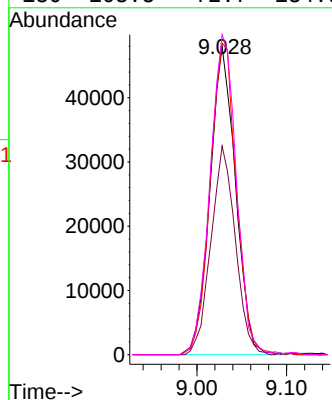
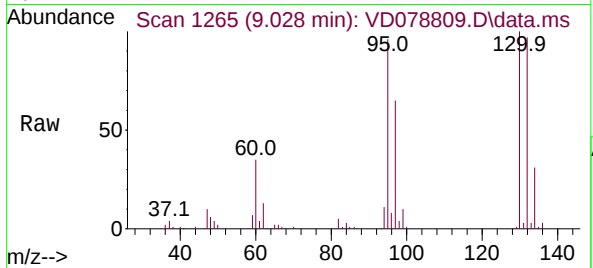


#34
Trichloroethene
Concen: 26.035 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078809.D
Acq: 11 Apr 2024 12:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 94531

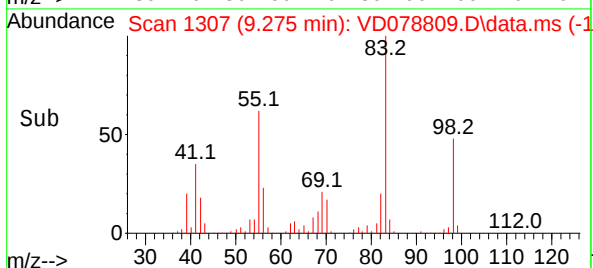
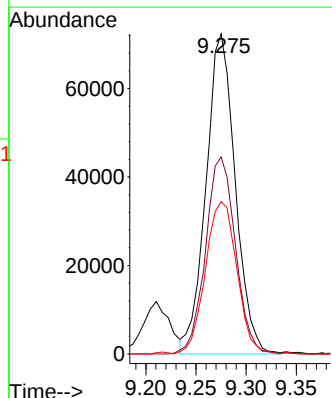
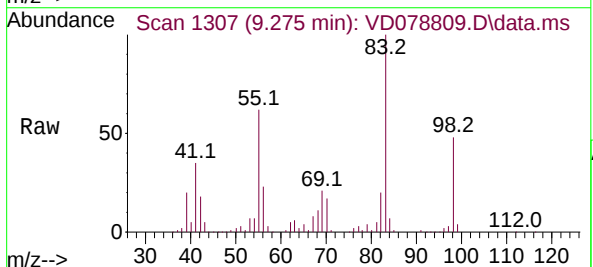
Ion	Ratio	Lower	Upper
95	100		
97	67.7	47.4	88.0
132	101.1	70.8	131.4
130	103.8	72.7	134.9

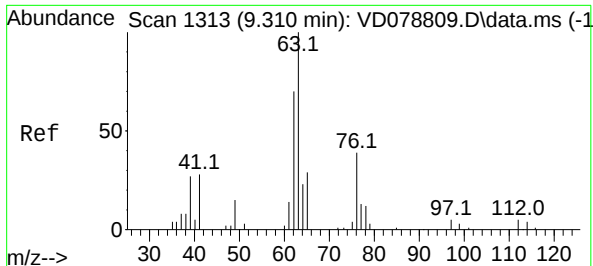


#35
Methylcyclohexane
Concen: 27.274 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD078809.D
Acq: 11 Apr 2024 12:11

Tgt Ion: 83 Resp: 147119

Ion	Ratio	Lower	Upper
83	100		
55	62.7	50.2	75.2
98	50.9	40.7	61.1

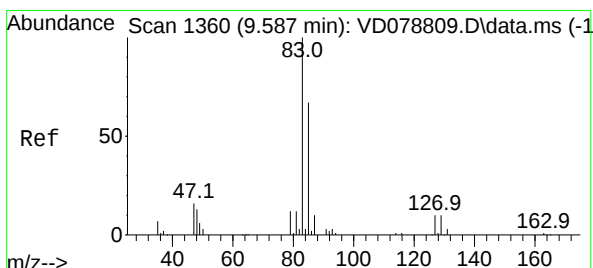
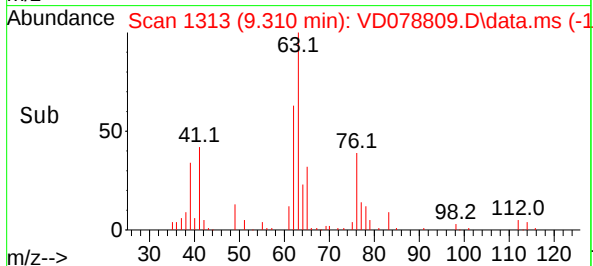
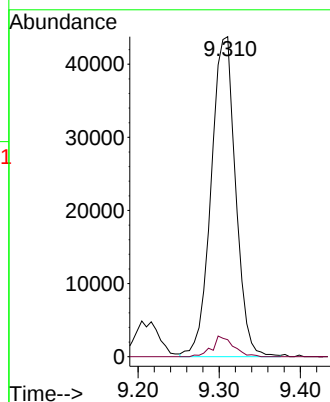
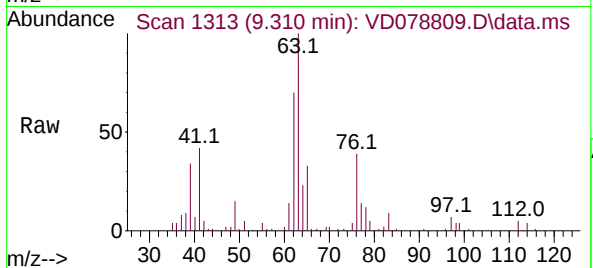




#37
1,2-Dichloropropane
Concen: 26.338 ug/L
RT: 9.310 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VD078809.D
Acq: 11 Apr 2024 12:11

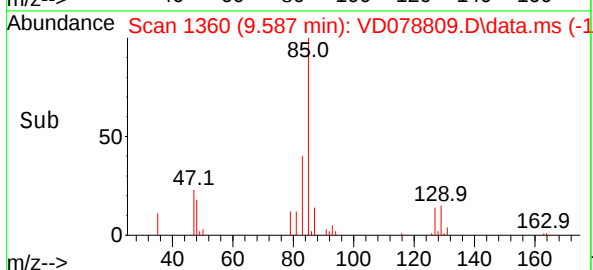
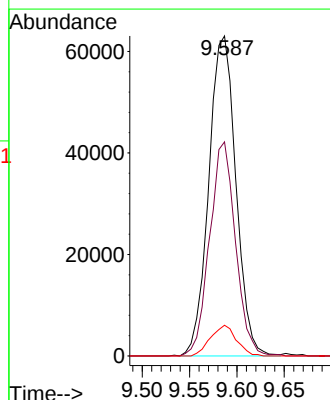
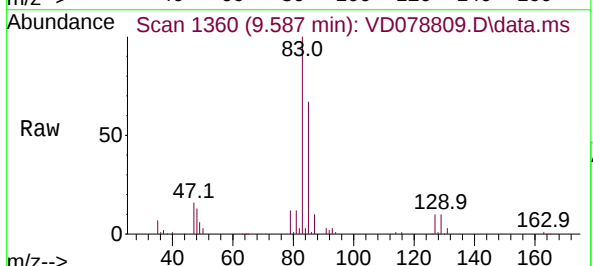
Instrument :
MSVOA_D
ClientSampleId :

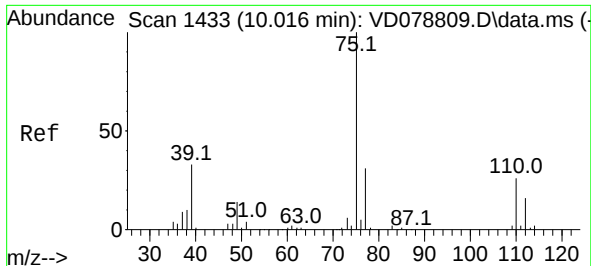
Tgt Ion: 63 Resp: 91918
Ion Ratio Lower Upper
63 100
112 5.4 4.3 6.5



#38
Bromodichloromethane
Concen: 26.217 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078809.D
Acq: 11 Apr 2024 12:11

Tgt Ion: 83 Resp: 125889
Ion Ratio Lower Upper
83 100
85 66.9 46.8 87.0
127 9.6 7.7 11.5





#39

cis-1,3-Dichloropropene

Concen: 27.103 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD078809.D

Acq: 11 Apr 2024 12:11

Instrument :

MSVOA_D

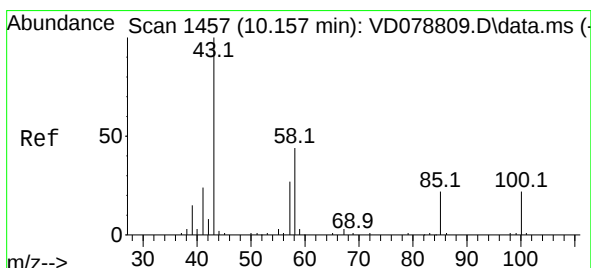
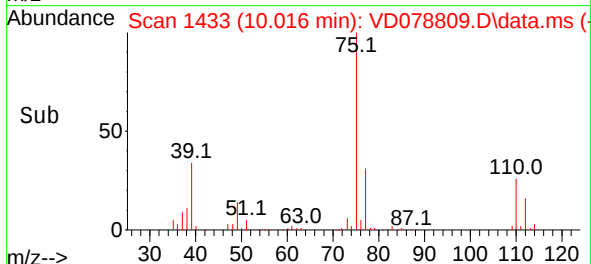
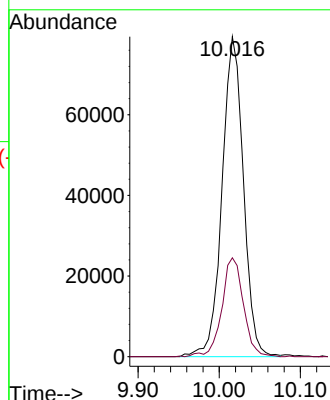
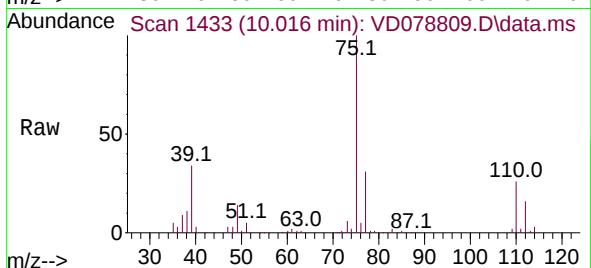
ClientSampleId :

Tgt Ion: 75 Resp: 145288

Ion Ratio Lower Upper

75 100

77 30.9 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 53.721 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD078809.D

Acq: 11 Apr 2024 12:11

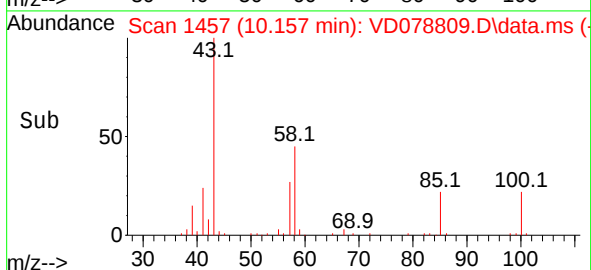
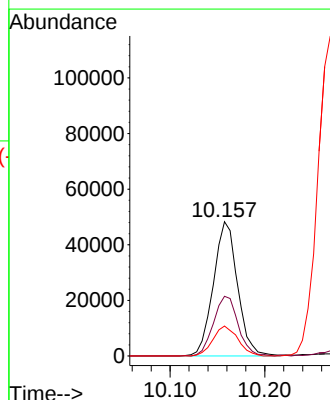
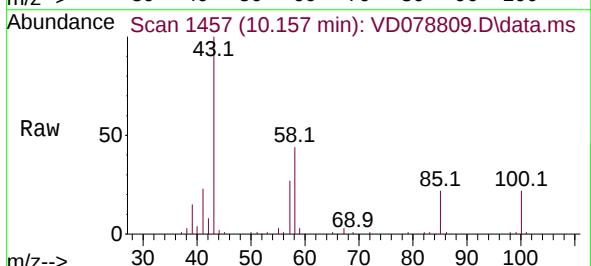
Tgt Ion: 43 Resp: 85636

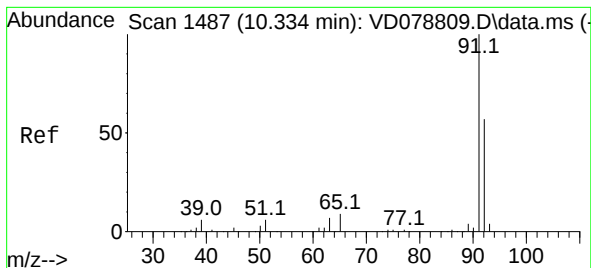
Ion Ratio Lower Upper

43 100

58 45.2 36.2 54.2

100 22.9 18.3 27.5





#42

Toluene

Concen: 27.445 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD078809.D

Acq: 11 Apr 2024 12:11

Instrument :

MSVOA_D

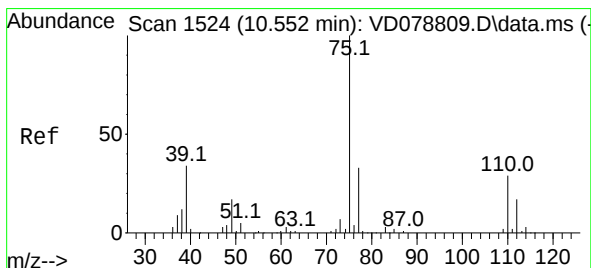
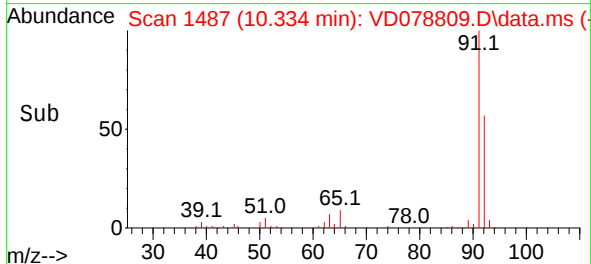
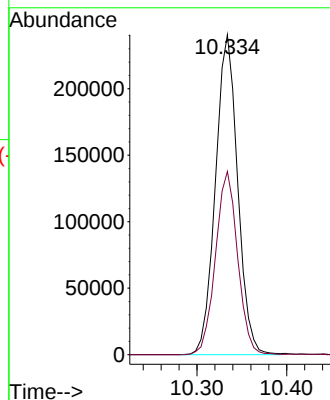
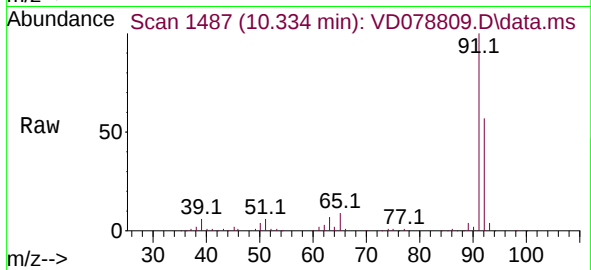
ClientSampleId :

Tgt Ion: 91 Resp: 413536

Ion Ratio Lower Upper

91 100

92 57.3 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 26.536 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD078809.D

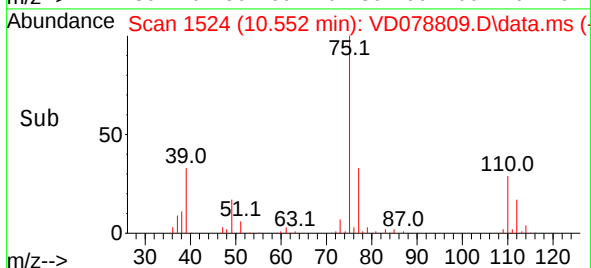
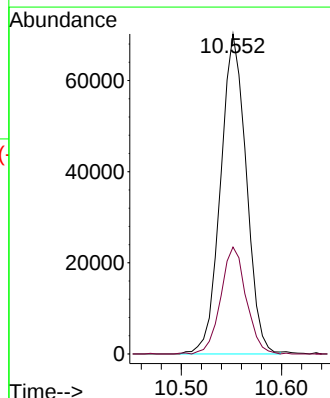
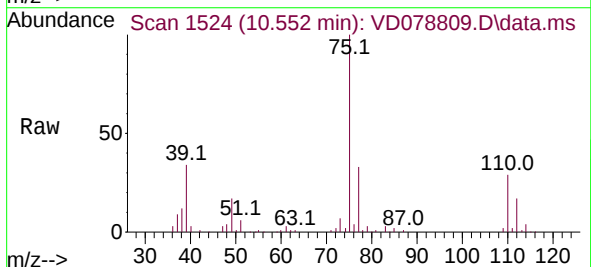
Acq: 11 Apr 2024 12:11

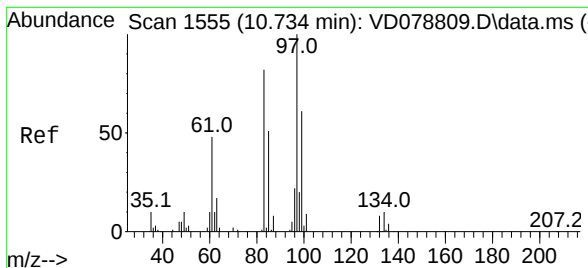
Tgt Ion: 75 Resp: 124651

Ion Ratio Lower Upper

75 100

77 33.4 23.4 43.4





#45

1,1,2-Trichloroethane

Concen: 25.898 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078809.D

Acq: 11 Apr 2024 12:11

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 78927

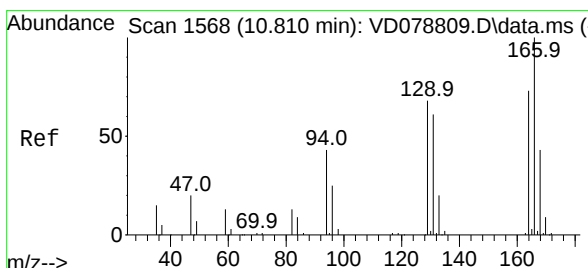
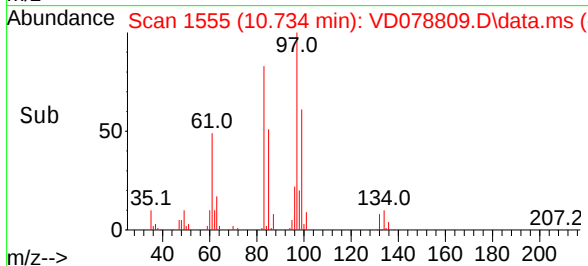
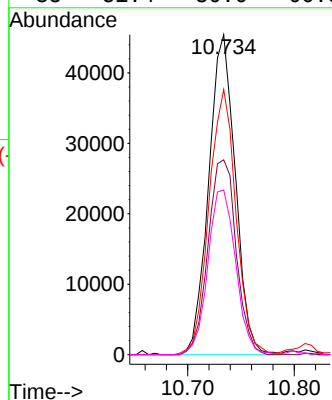
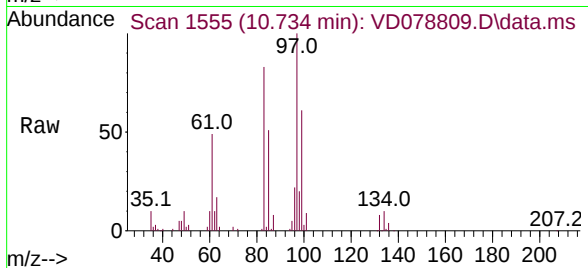
Ion Ratio Lower Upper

97 100

99 60.9 42.6 79.2

83 82.8 58.0 107.6

85 51.4 36.0 66.8



#46

Tetrachloroethene

Concen: 26.074 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078809.D

Acq: 11 Apr 2024 12:11

Tgt Ion:164 Resp: 79278

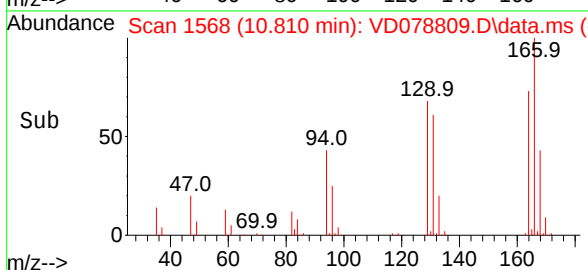
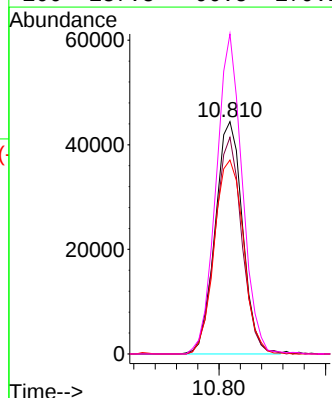
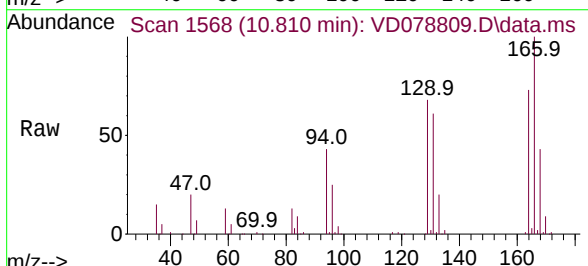
Ion Ratio Lower Upper

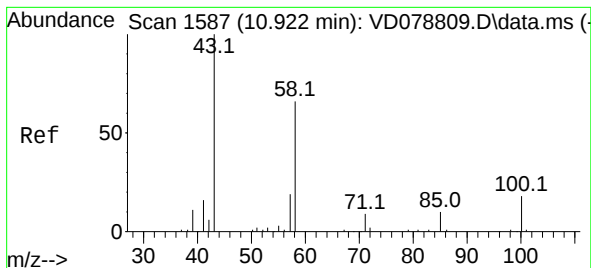
164 100

129 93.3 65.3 121.3

131 83.5 58.4 108.6

166 137.8 96.5 179.1





#48

2-Hexanone

Concen: 60.971 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

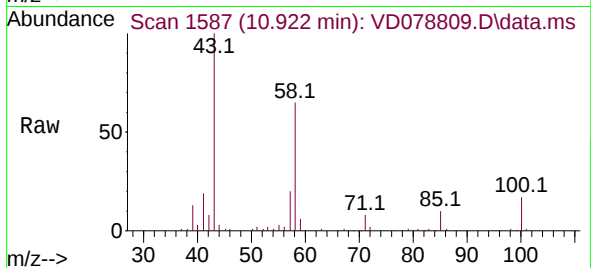
Lab File: VD078809.D

Acq: 11 Apr 2024 12:11

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 76494

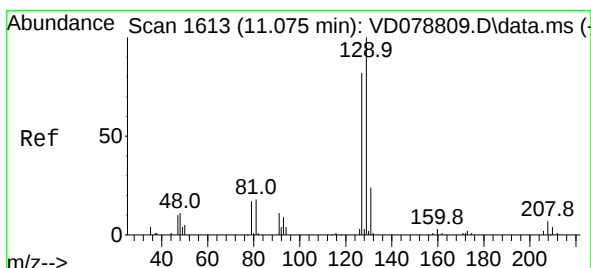
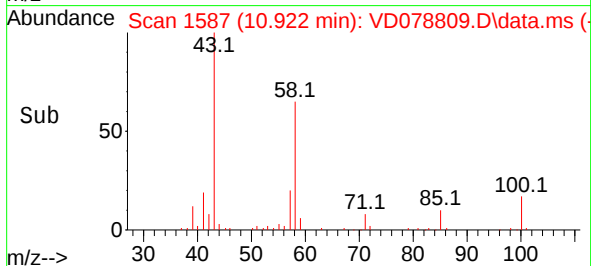
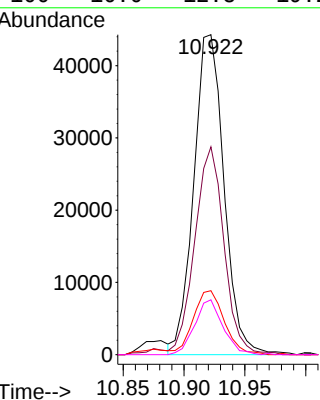
Ion Ratio Lower Upper

43 100

58 62.9 50.3 75.5

57 20.6 16.5 24.7

100 16.0 12.8 19.2



#49

Dibromochloromethane

Concen: 26.170 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD078809.D

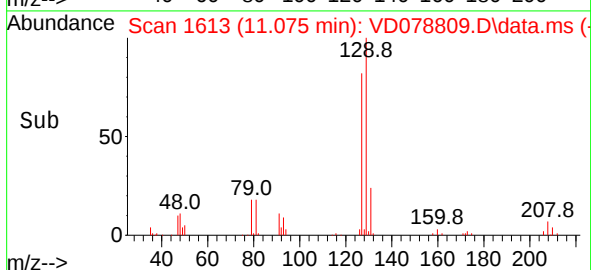
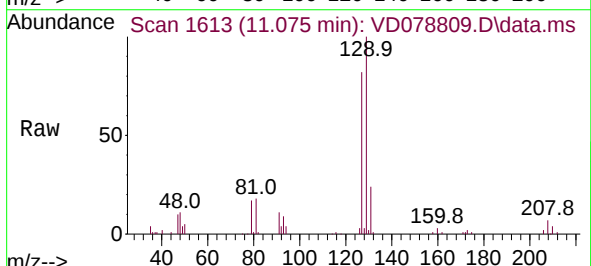
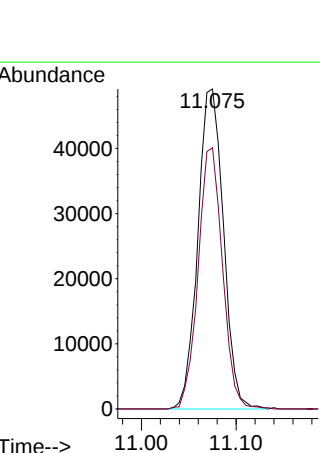
Acq: 11 Apr 2024 12:11

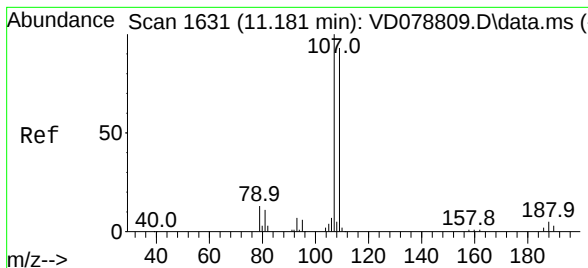
Tgt Ion: 129 Resp: 92350

Ion Ratio Lower Upper

129 100

127 81.6 57.1 106.1





#50

1,2-Dibromoethane

Concen: 26.185 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078809.D

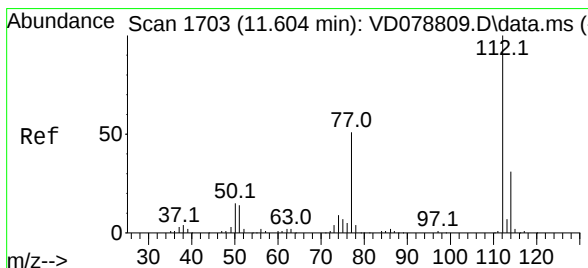
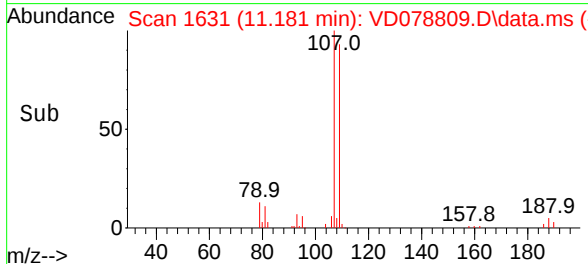
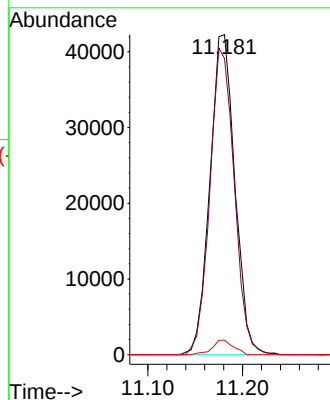
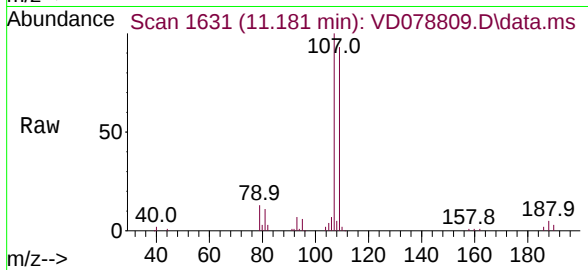
Acq: 11 Apr 2024 12:11

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	77551
Ion	Ratio	Lower Upper
107	100	
109	92.6	64.8 120.4
188	4.5	3.6 5.4



#51

Chlorobenzene

Concen: 25.823 ug/L

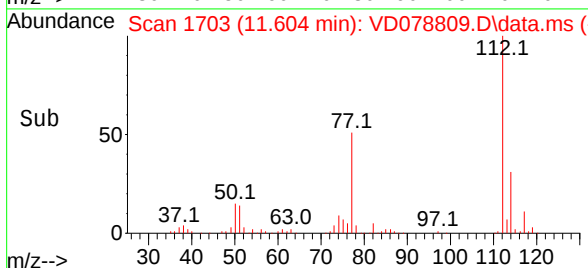
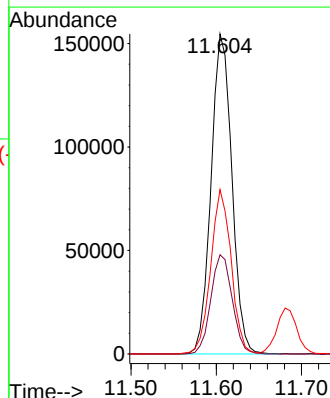
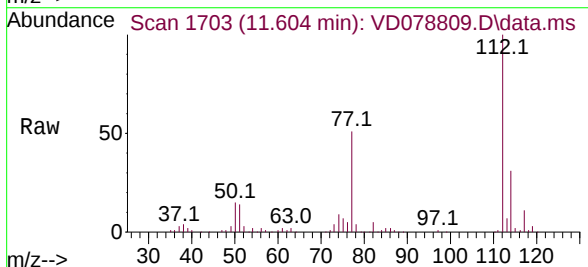
RT: 11.604 min Scan# 1703

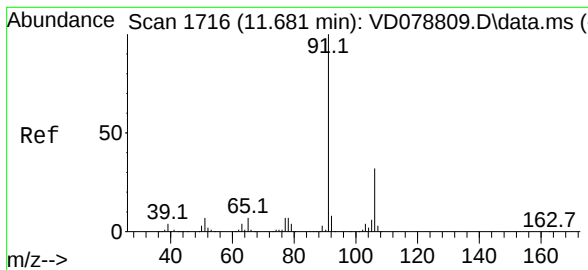
Delta R.T. 0.000 min

Lab File: VD078809.D

Acq: 11 Apr 2024 12:11

Tgt Ion:112	Resp:	262435
Ion	Ratio	Lower Upper
112	100	
114	31.0	21.7 40.3
77	51.3	41.0 61.6

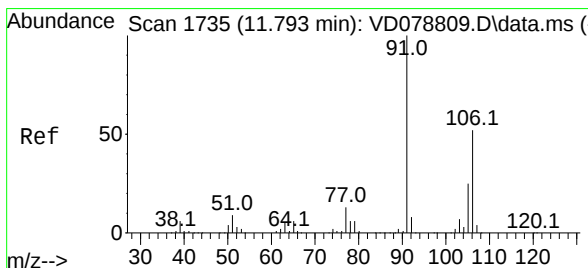
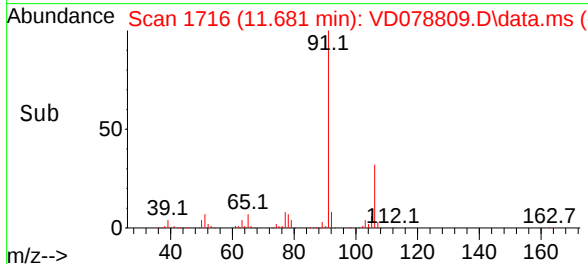
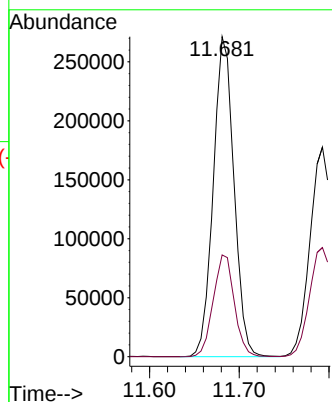
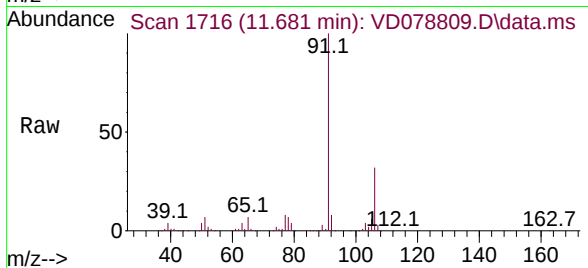




#52
Ethylbenzene
Concen: 27.446 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078809.D
Acq: 11 Apr 2024 12:11

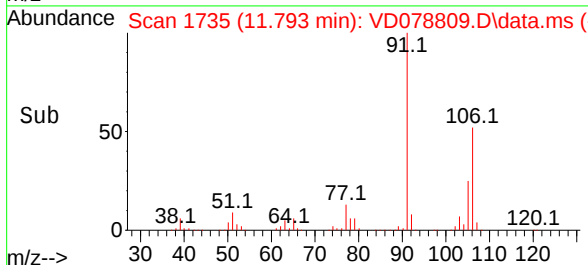
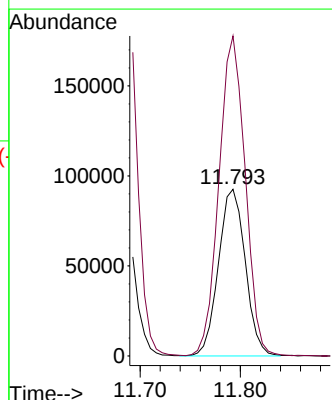
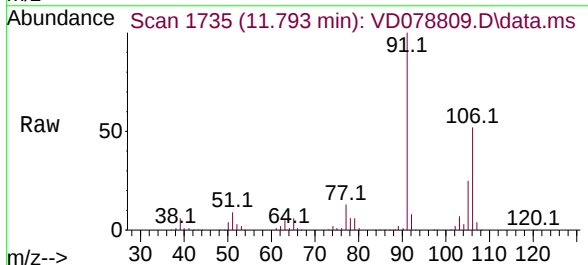
Instrument :
MSVOA_D
ClientSampleId :

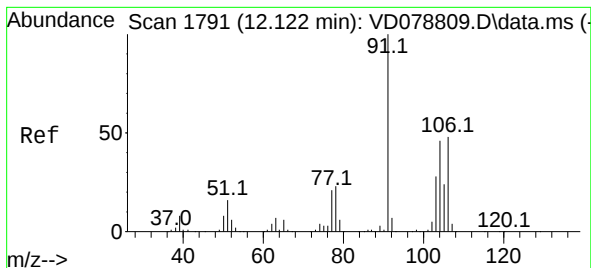
Tgt Ion: 91 Resp: 434827
Ion Ratio Lower Upper
91 100
106 31.8 22.3 41.3



#53
m,p-Xylene
Concen: 27.616 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078809.D
Acq: 11 Apr 2024 12:11

Tgt Ion: 106 Resp: 172348
Ion Ratio Lower Upper
106 100
91 192.0 134.4 249.6

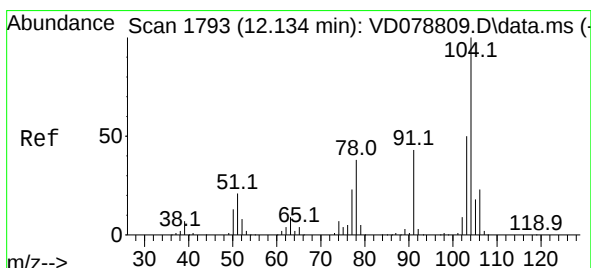
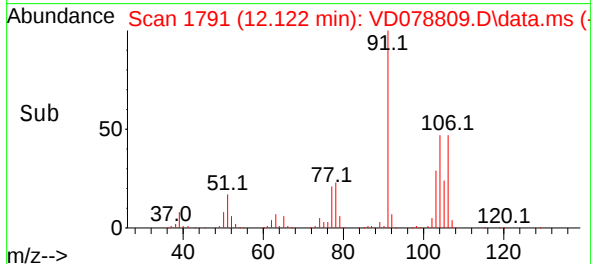
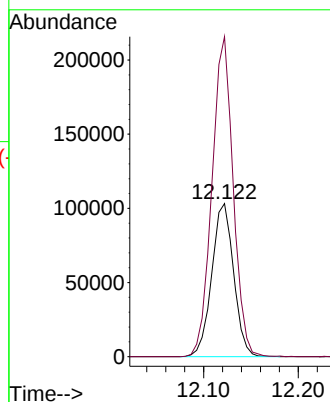
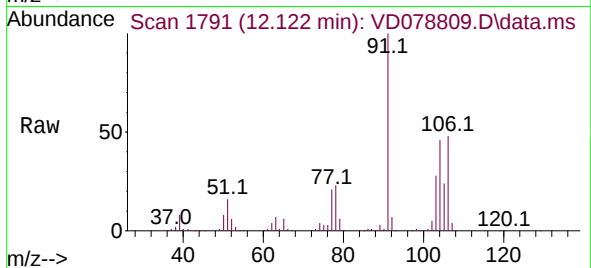




#54
o-Xylene
Concen: 27.416 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078809.D
Acq: 11 Apr 2024 12:11

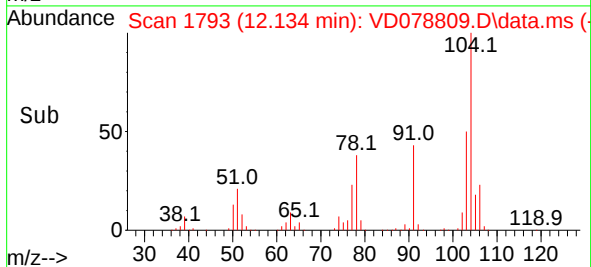
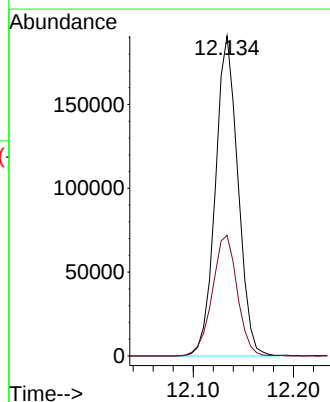
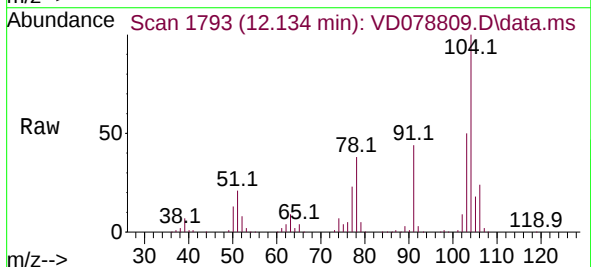
Instrument :
MSVOA_D
ClientSampleId :

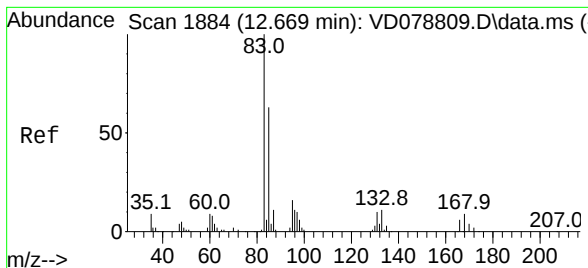
Tgt Ion:106 Resp: 165388
Ion Ratio Lower Upper
106 100
91 208.9 146.2 271.6



#55
Styrene
Concen: 27.607 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078809.D
Acq: 11 Apr 2024 12:11

Tgt Ion:104 Resp: 298467
Ion Ratio Lower Upper
104 100
78 37.7 26.4 49.0





#57

1,1,2,2-Tetrachloroethane

Concen: 26.562 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD078809.D

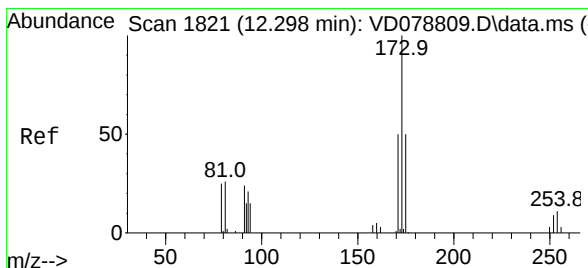
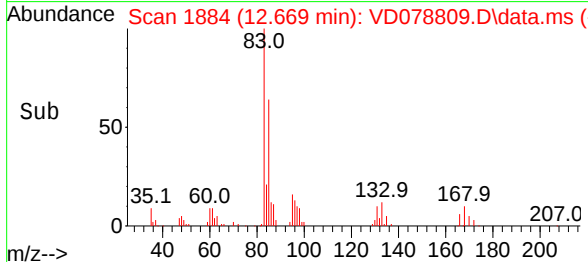
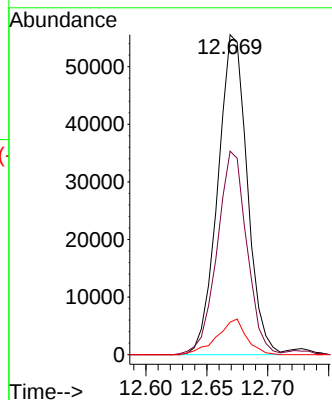
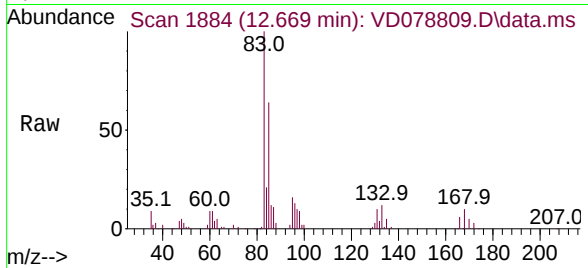
Acq: 11 Apr 2024 12:11

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	93448
Ion Ratio	Lower	Upper	
83	100		
85	63.6	44.5	82.7
131	10.1	8.1	12.1



#59

Bromoform

Concen: 25.466 ug/L

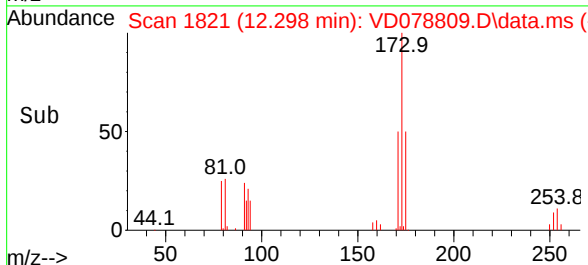
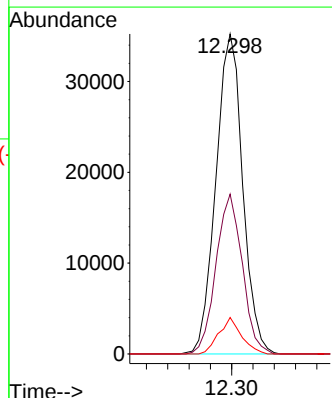
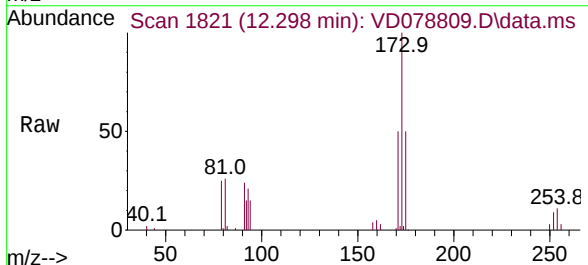
RT: 12.298 min Scan# 1821

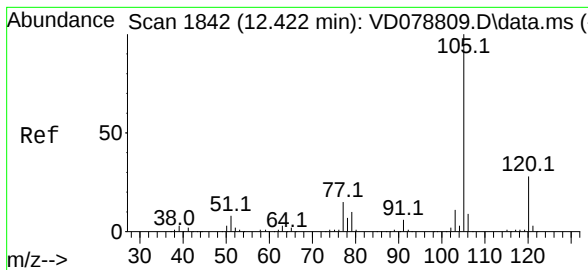
Delta R.T. 0.000 min

Lab File: VD078809.D

Acq: 11 Apr 2024 12:11

Tgt Ion:	173	Resp:	61545
Ion Ratio	Lower	Upper	
173	100		
175	48.8	39.0	58.6
254	9.6	7.7	11.5





#60

Isopropylbenzene

Concen: 27.154 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078809.D

Acq: 11 Apr 2024 12:11

Instrument :

MSVOA_D

ClientSampleId :

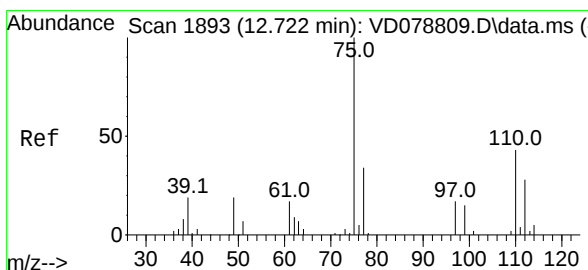
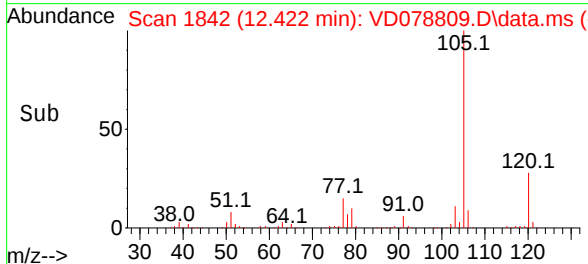
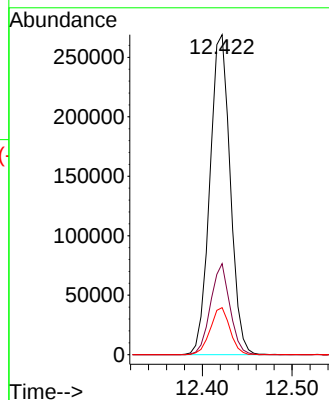
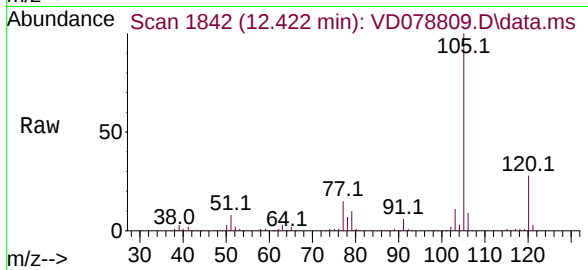
Tgt Ion:105 Resp: 423648

Ion Ratio Lower Upper

105 100

120 27.0 21.6 32.4

77 14.3 11.4 17.2



#61

1,2,3-Trichloropropane

Concen: 26.171 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078809.D

Acq: 11 Apr 2024 12:11

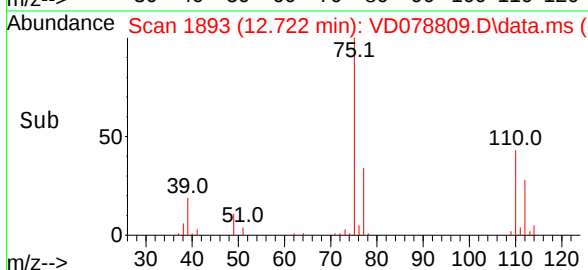
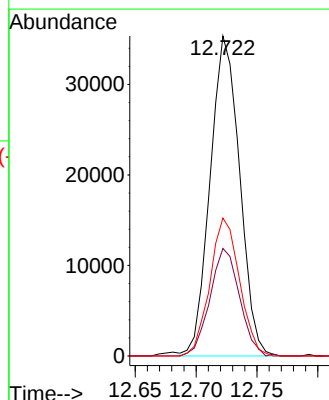
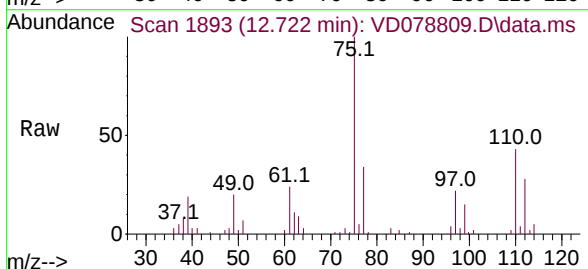
Tgt Ion: 75 Resp: 59556

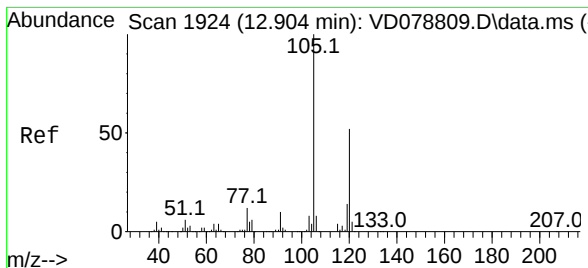
Ion Ratio Lower Upper

75 100

77 33.6 26.9 40.3

110 43.2 34.6 51.8

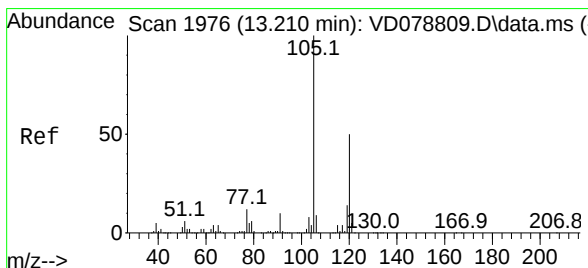
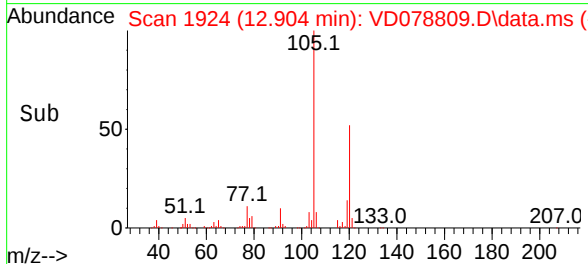
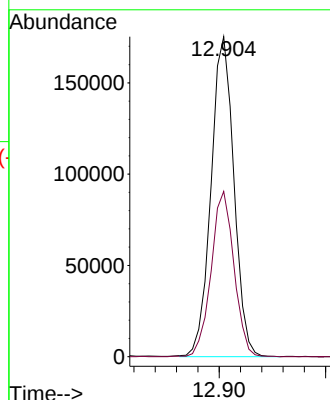
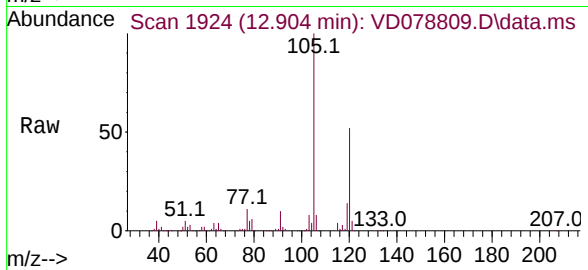




#62
1,3,5-Trimethylbenzene
Concen: 27.594 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078809.D
Acq: 11 Apr 2024 12:11

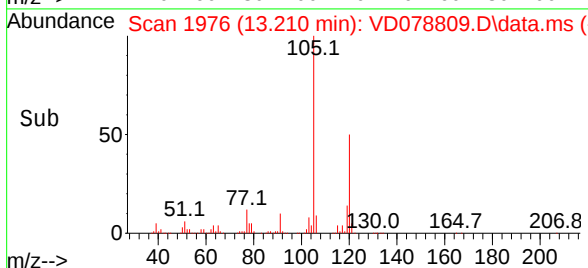
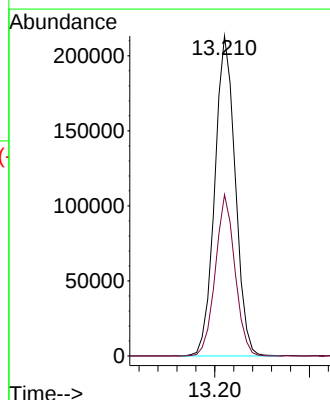
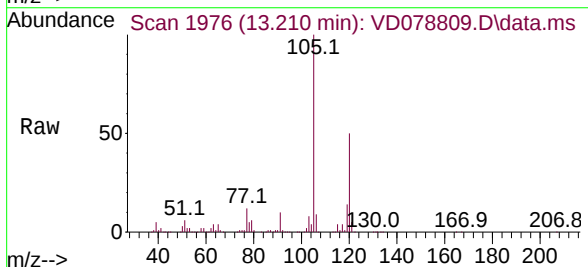
Instrument :
MSVOA_D
ClientSampleId :

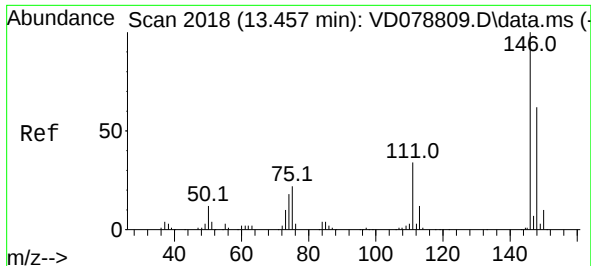
Tgt Ion:105 Resp: 260985
Ion Ratio Lower Upper
105 100
120 51.5 41.2 61.8



#63
1,2,4-Trimethylbenzene
Concen: 27.563 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078809.D
Acq: 11 Apr 2024 12:11

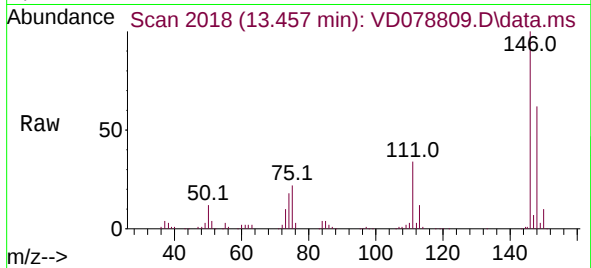
Tgt Ion:105 Resp: 319909
Ion Ratio Lower Upper
105 100
120 48.2 38.6 57.8



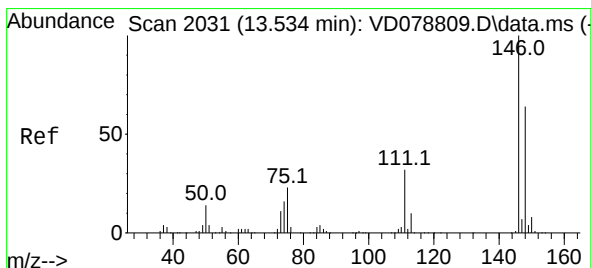
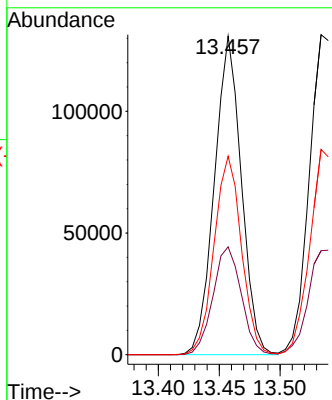
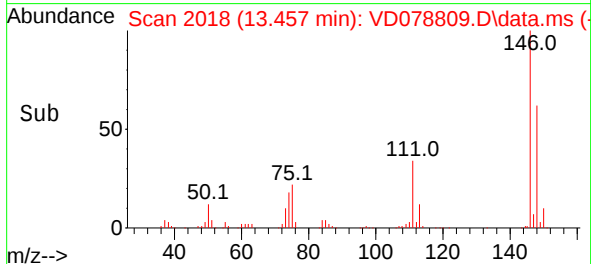


#64
1,3-Dichlorobenzene
Concen: 25.981 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078809.D
Acq: 11 Apr 2024 12:11

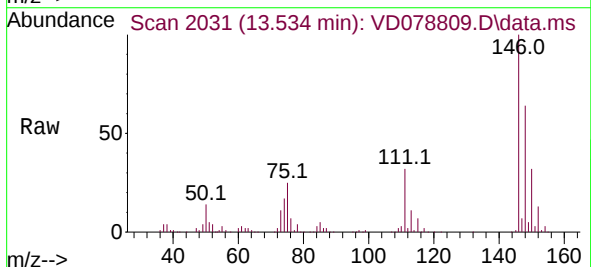
Instrument :
MSVOA_D
ClientSampleId :



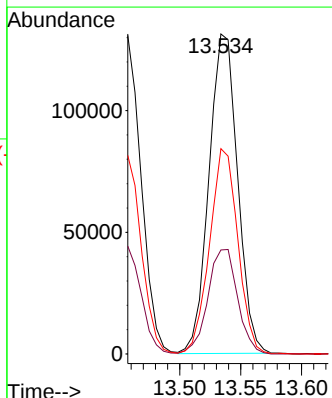
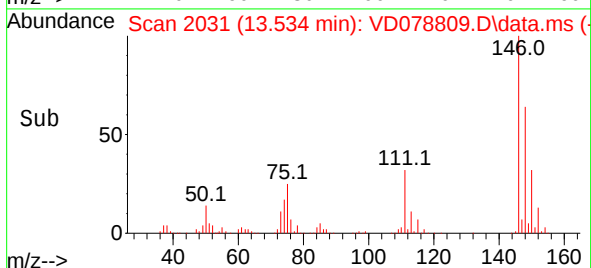
Tgt Ion:146 Resp: 201747
Ion Ratio Lower Upper
146 100
111 33.9 23.7 44.1
148 62.3 43.6 81.0

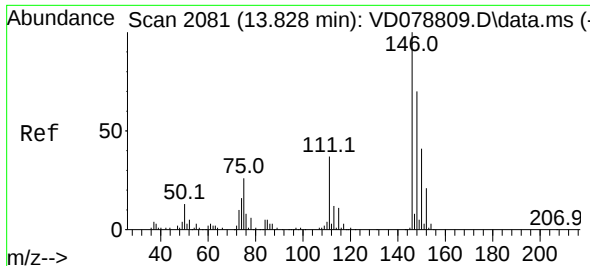


#65
1,4-Dichlorobenzene
Concen: 26.172 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD078809.D
Acq: 11 Apr 2024 12:11



Tgt Ion:146 Resp: 214919
Ion Ratio Lower Upper
146 100
111 32.5 22.7 42.3
148 64.2 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 26.010 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD078809.D

Acq: 11 Apr 2024 12:11

Instrument :

MSVOA_D

ClientSampleId :

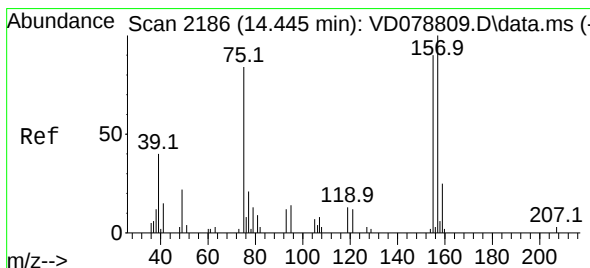
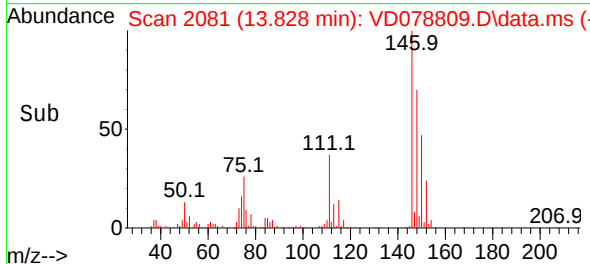
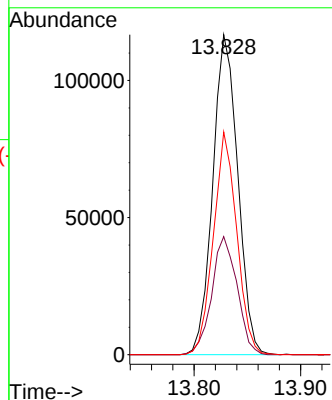
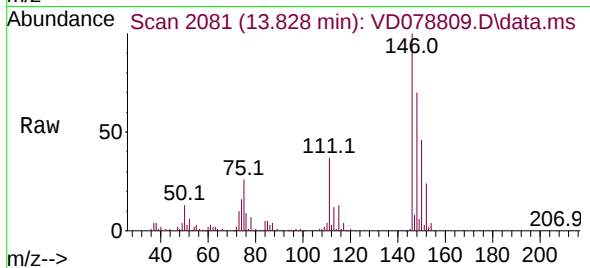
Tgt Ion:146 Resp: 190268

Ion Ratio Lower Upper

146 100

111 36.9 29.5 44.3

148 69.6 55.7 83.5



#68

1,2-Dibromo-3-chloropropane

Concen: 24.368 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD078809.D

Acq: 11 Apr 2024 12:11

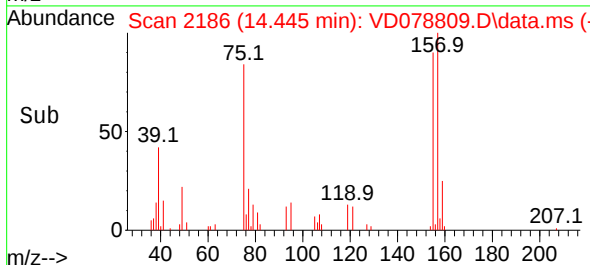
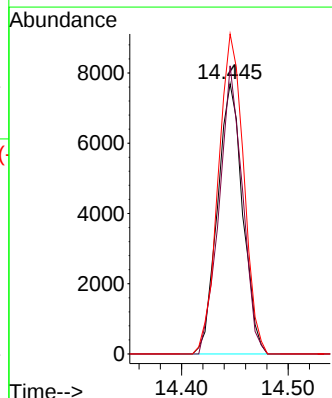
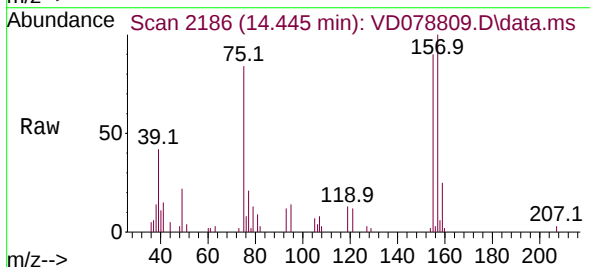
Tgt Ion: 75 Resp: 12625

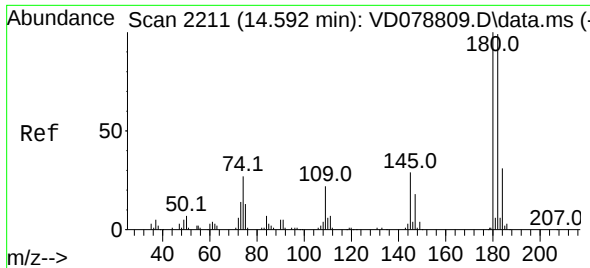
Ion Ratio Lower Upper

75 100

155 106.6 85.3 127.9

157 118.4 94.7 142.1





#69

1,3,5-Trichlorobenzene

Concen: 25.319 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

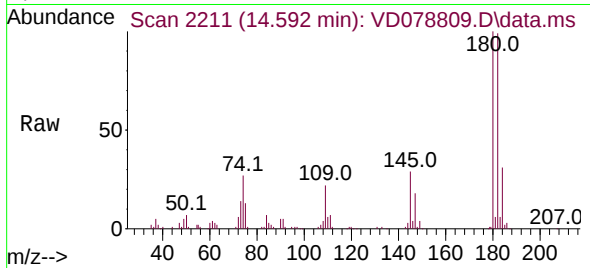
Lab File: VD078809.D

Acq: 11 Apr 2024 12:11

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 126433

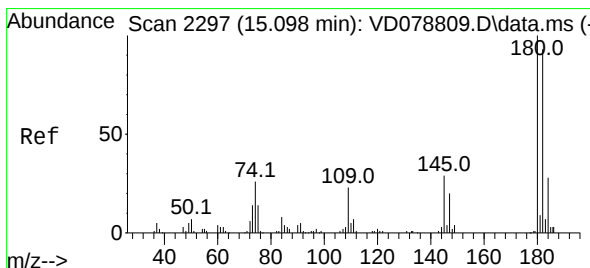
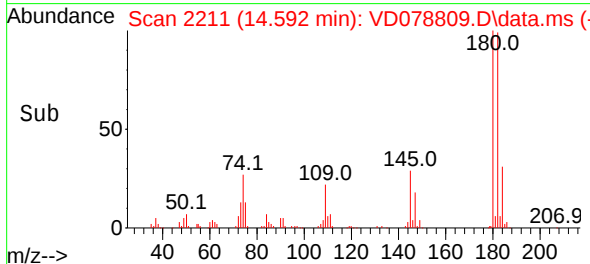
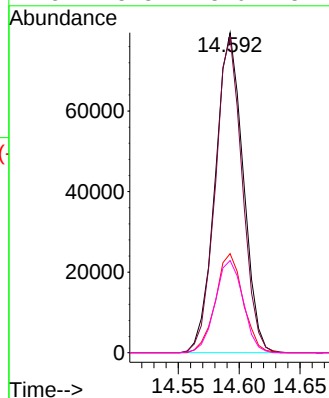
Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

184 30.6 24.5 36.7

145 28.8 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 25.320 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078809.D

Acq: 11 Apr 2024 12:11

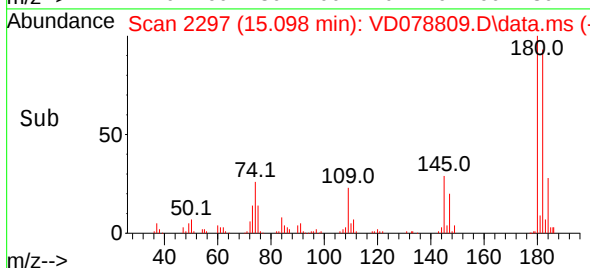
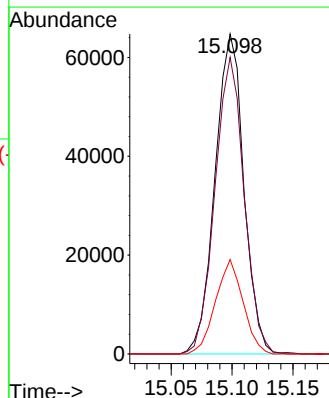
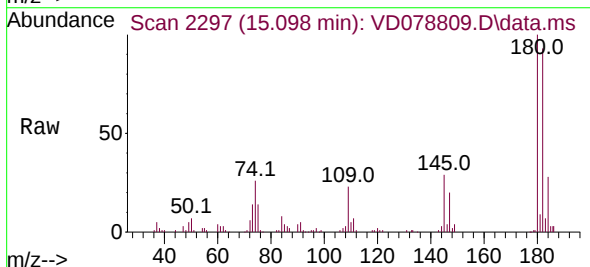
Tgt Ion:180 Resp: 106626

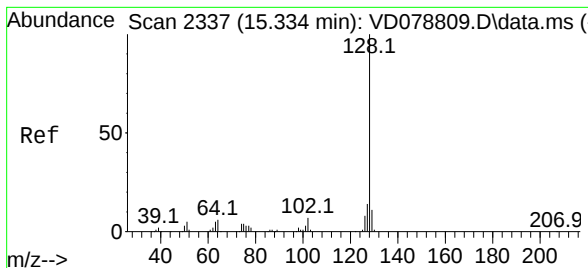
Ion Ratio Lower Upper

180 100

182 93.4 74.7 112.1

145 28.2 22.6 33.8





#71

Naphthalene

Concen: 25.876 ug/L

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD078809.D

Acq: 11 Apr 2024 12:11

Instrument :

MSVOA_D

ClientSampleId :

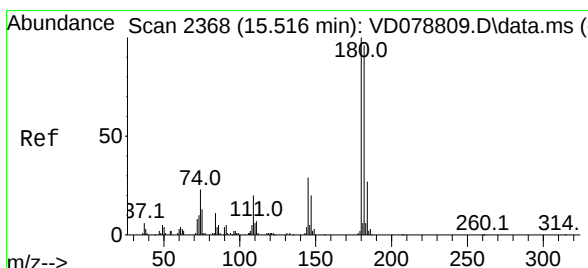
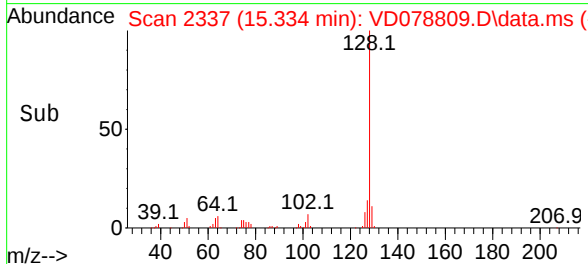
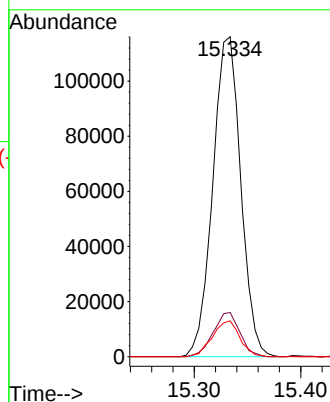
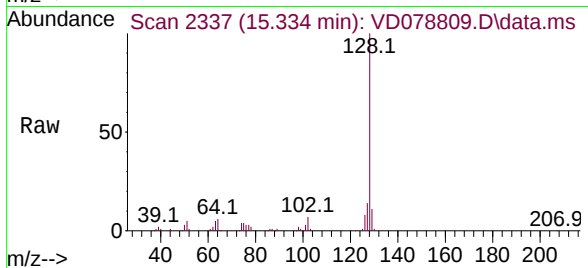
Tgt Ion:128 Resp: 211513

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 25.762 ug/L

RT: 15.516 min Scan# 2368

Delta R.T. 0.000 min

Lab File: VD078809.D

Acq: 11 Apr 2024 12:11

Tgt Ion:180 Resp: 99334

Ion Ratio Lower Upper

180 100

182 97.6 78.1 117.1

145 30.5 24.4 36.6

